

National Testing Agency

Question Paper Name :	Textile Engineering Eng 12th June 2023 Shift 2
Subject Name :	Textile Engineering Eng
Creation Date :	2023-06-12 18:25:25
Duration :	120
Total Marks :	400
Display Marks:	Yes

Textile Engineering

Group Number :	1
Group Id :	920906140
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	400
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Part A

Section Id :	920906279
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	21
Number of Questions to be attempted :	21
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	920906455
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Id : 92090614074 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (1 to 5)

Question Label : Comprehension

Read the passage carefully and answer the question that follows.(Q01–Q05)

Lizard island is only 30km off the far North Queensland coast and 250km north of Cairns, the northern-most city in north-eastern Australia. The 1,012-hectare island is spectacularly rugged with vegetation ranging from grassland to rainforest and encompassing pandanus swamp, eucalypt woodland and mangroves. The most recent discoverers of this island were Sir Sydney Williams and another north Queensland businessmen, Mr. John Wilson, now a Brisbane share-broker. For several years from 1968, they camped on lizard island for annual fishing holidays and in 1974, after obtaining a Queensland government lease with other businessmen, built four cabins for guests. In the next step of development in 1978, they raised the number of bungalows to eight, then to fifteen in 1982, and in 1984, ultimately the complex was bought by the Queensland State Government Insurance office.

The island is consistently visited by those who seem to be quite carefull about their health. Each has all the facilities expected in such an elegant resort including well-stocked minibar. It is because of this that Australian Prime Ministers for a decade or so have taken heed, as they constantly retreat to this island to rest, relax and lick the wounds of office. Since this island attracts people from all over the world, most of the time it remains packed. One of the island resort's founders, Queensland aviation pioneer, Sir Sydney Williams, affirms that a sturdy Arab Sheikh once came ashore from a chartered luxury yacht and tried to book a suite for the night. When told the place was full he hastily produced a cheque book and offered to buy it.

Sub questions

Question Number : 1 Question Id : 92090614075 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The Lizard island is situated nearest from :

- (1) North Australia
- (2) South Australia
- (3) North Queensland coast
- (4) Cairns

Options :

- 92090655601. 1
- 92090655602. 2
- 92090655603. 3
- 92090655604. 4

Question Number : 2 Question Id : 92090614076 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following reasons prompted Arab Sheikh to buy the island?

- (1) He was impressed by the beauty of the island.
- (2) He wanted to stay there for a night.
- (3) He felt offended due to refusal of accommodation.
- (4) He wanted to bring in further developments in the island.

Options :

- 92090655605. 1
- 92090655606. 2
- 92090655607. 3
- 92090655608. 4

Question Number : 3 Question Id : 92090614077 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following is not true in the context of the passage?

- (1) Lizard island has come up as a big tourist resort.
- (2) In the first step of development eight cabins were developed in the island.
- (3) Lizard island has become a busy island.
- (4) Lizard island is full of greenery.

Options :

- 92090655609. 1
- 92090655610. 2
- 92090655611. 3
- 92090655612. 4

Question Number : 4 Question Id : 92090614078 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

What was the first and the foremost thing that stuck the discoverers for the development of the island?

- (A) To build four cabins for guests.
- (B) To associate Government offices.
- (C) To give a decorative look by growing vegetation.
- (D) To seek lease permission from the government.

Options :

- 92090655613. 1
- 92090655614. 2
- 92090655615. 3
- 92090655616. 4

Question Number : 5 Question Id : 92090614079 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Who amongst the following discovered the Lizard island?

- (1) John Wilson and a Brisbane share broker.
- (2) Brisbane share broker and a Queensland aviation pioneer
- (3) Sydney Williams and a Queensland aviation pioneer
- (4) South Queensland businessman and John Wilson.

Options :

- 92090655617. 1
- 92090655618. 2
- 92090655619. 3
- 92090655620. 4

Question Id : 92090614074 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (1 to 5)

Question Label : Comprehension

Read the passage carefully and answer the question that follows.(Q01–Q05)

Lizard island is only 30km off the far North Queensland coast and 250km north of Cairns, the northern-most city in north-eastern Australia. The 1,012-hectare island is spectacularly rugged with vegetation ranging from grassland to rainforest and encompassing pandanus swamp, eucalypt woodland and mangroves. The most recent discoverers of this island were Sir Sydney Williams and another north Queensland businessmen, Mr. John Wilson, now a Brisbane share-broker. For several years from 1968, they camped on lizard island for annual fishing holidays and in 1974, after obtaining a Queensland government lease with other businessmen, built four cabins for guests. In the next step of development in 1978, they raised the number of bungalows to eight, then to fifteen in 1982, and in 1984, ultimately the complex was bought by the Queensland State Government Insurance office.

The island is consistently visited by those who seem to be quite carefull about their health. Each has all the facilities expected in such an elegant resort including well-stocked minibar. It is because of this that Australian Prime Ministers for a decade or so have taken heed, as they constantly retreat to this island to rest, relax and lick the wounds of office. Since this island attracts people from all over the world, most of the time it remains packed. One of the island resort's founders, Queensland aviation pioneer, Sir Sydney Williams, affirms that a sturdy Arab Sheikh once came ashore from a chartered luxury yacht and tried to book a suite for the night. When told the place was full he hastily produced a cheque book and offered to buy it.

Sub questions

Question Number : 1 Question Id : 92090614075 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The Lizard island is situated nearest from :

- (1) North Australia
- (2) South Australia
- (3) North Queensland coast
- (4) Cairns

Options :

- 92090655601. 1
- 92090655602. 2
- 92090655603. 3
- 92090655604. 4

Question Number : 2 Question Id : 92090614076 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following reasons prompted Arab Sheikh to buy the island?

- (1) He was impressed by the beauty of the island.
- (2) He wanted to stay there for a night.
- (3) He felt offended due to refusal of accommodation.
- (4) He wanted to bring in further developments in the island.

Options :

- 92090655605. 1
- 92090655606. 2
- 92090655607. 3
- 92090655608. 4

Question Number : 3 Question Id : 92090614077 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following is not true in the context of the passage?

- (1) Lizard island has come up as a big tourist resort.
- (2) In the first step of development eight cabins were developed in the island.
- (3) Lizard island has become a busy island.
- (4) Lizard island is full of greenery.

Options :

- 92090655609. 1
- 92090655610. 2
- 92090655611. 3
- 92090655612. 4

Question Number : 4 Question Id : 92090614078 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

What was the first and the foremost thing that stuck the discoverers for the development of the island?

- (A) To build four cabins for guests.
- (B) To associate Government offices.
- (C) To give a decorative look by growing vegetation.
- (D) To seek lease permission from the government.

Options :

- 92090655613. 1
- 92090655614. 2
- 92090655615. 3
- 92090655616. 4

Question Number : 5 Question Id : 92090614079 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Who amongst the following discovered the Lizard island?

- (1) John Wilson and a Brisbane share broker.
- (2) Brisbane share broker and a Queensland aviation pioneer
- (3) Sydney Williams and a Queensland aviation pioneer
- (4) South Queensland businessman and John Wilson.

Options :

- 92090655617. 1
- 92090655618. 2
- 92090655619. 3
- 92090655620. 4

Sub-Section Number :

2

Sub-Section Id :

920906456

Question Shuffling Allowed :

Yes

Is Section Default? :

null

Question Number : 6 Question Id : 92090614080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Fill in the blanks with appropriate prepositions given in order from the options given below: Furrow irrigation is conducted ___ creating small parallel channels ____ the field length _the direction ____ predominant slope.

- (1) by along, in of
- (2) by , in for, of
- (3) by, on, with, of
- (4) by, on, along, of

Options :

- 92090655621. 1
- 92090655622. 2
- 92090655623. 3
- 92090655624. 4

Question Number : 6 Question Id : 92090614080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Fill in the blanks with appropriate prepositions given in order from the options given below: Furrow irrigation is conducted ___ creating small parallel channels ____ the field length _the direction ____ predominant slope.

- (1) by along, in of
- (2) by , in for, of
- (3) by, on, with, of
- (4) by, on, along, of

Options :

- 92090655621. 1
- 92090655622. 2
- 92090655623. 3
- 92090655624. 4

Question Number : 7 Question Id : 92090614081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Change voice. 'The boys have been rewarded by the principal'.

- (1) The principal has awarded the boys.
- (2) The principal has rewarded the boys
- (3) The boys are rewarded by the principal
- (4) The principal rewarded the boys.

Options :

- 92090655625. 1
- 92090655626. 2
- 92090655627. 3
- 92090655628. 4

Question Number : 7 Question Id : 92090614081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Change voice. 'The boys have been rewarded by the principal'.

- (1) The principal has awarded the boys.
- (2) The principal has rewarded the boys
- (3) The boys are rewarded by the principal
- (4) The principal rewarded the boys.

Options :

- 92090655625. 1
- 92090655626. 2
- 92090655627. 3
- 92090655628. 4

Question Number : 8 Question Id : 92090614082 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Select the appropriate indirect speech for the direct speech given below.

She said "you see, you cannot meet the boss".

- (1) She said that I can't meet the boss.
- (2) She told me that I could not meet the boss.
- (3) She says "you cannot meet the boss".
- (4) "you cannot meet the boss" she says.

Options :

- 92090655629. 1
- 92090655630. 2
- 92090655631. 3
- 92090655632. 4

Question Number : 8 Question Id : 92090614082 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Select the appropriate indirect speech for the direct speech given below.

She said "you see, you cannot meet the boss".

- (1) She said that I can't meet the boss.
- (2) She told me that I could not meet the boss.
- (3) She says "you cannot meet the boss".
- (4) "you cannot meet the boss" she says.

Options :

- 92090655629. 1
- 92090655630. 2
- 92090655631. 3
- 92090655632. 4

Question Number : 9 Question Id : 92090614083 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Fear of strange or foreign people, customs etc.

- (1) Agrophobia
- (2) Xenophobia
- (3) Arachnophobia
- (4) Aerophobia

Options :

- 92090655633. 1
- 92090655634. 2
- 92090655635. 3
- 92090655636. 4

Question Number : 9 Question Id : 92090614083 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Fear of strange or foreign people, customs etc.

- (1) Agrophobia
- (2) Xenophobia
- (3) Arachnophobia
- (4) Aerophobia

Options :

- 92090655633. 1
- 92090655634. 2
- 92090655635. 3
- 92090655636. 4

Question Number : 10 Question Id : 92090614084 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

You are talking about the poorest and the most disadvantaged people in the country. To play ducks and drakes with their service is reprehensible.

The underlined idiom in the above sentence means: -

- (1) to treat someone badly by being dishonest with them
- (2) to show anger and criticism towards someone
- (3) to take decisions without considering their feelings
- (4) to increase the pressure on someone to make them do what you want them to

Options :

92090655637. 1

92090655638. 2

92090655639. 3

92090655640. 4

Question Number : 10 Question Id : 92090614084 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

You are talking about the poorest and the most disadvantaged people in the country. To play ducks and drakes with their service is reprehensible.

The underlined idiom in the above sentence means: -

- (1) to treat someone badly by being dishonest with them
- (2) to show anger and criticism towards someone
- (3) to take decisions without considering their feelings
- (4) to increase the pressure on someone to make them do what you want them to

Options :

92090655637. 1

92090655638. 2

92090655639. 3

92090655640. 4

Question Number : 11 Question Id : 92090614085 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If $m = 2$, $n = 3$, then the value of $12m^2n - 3mn^2$ is:

- (1) 92
- (2) 88
- (3) 94
- (4) 90

Options :

- 92090655641. 1
- 92090655642. 2
- 92090655643. 3
- 92090655644. 4

Question Number : 11 Question Id : 92090614085 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If $m = 2$, $n = 3$, then the value of $12m^2n - 3mn^2$ is:

- (1) 92
- (2) 88
- (3) 94
- (4) 90

Options :

- 92090655641. 1
- 92090655642. 2
- 92090655643. 3
- 92090655644. 4

Question Number : 12 Question Id : 92090614086 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Richa purchased a pen at $\frac{4}{5}$ th of its marked price. She then enhanced the marked price by 20% and sold it at the new marked price. What is Richa's profit percentage?

- (1) 25%
- (2) 50%
- (3) 40%
- (4) 60%

Options :

- 92090655645. 1
- 92090655646. 2
- 92090655647. 3
- 92090655648. 4

Question Number : 12 Question Id : 92090614086 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Richa purchased a pen at $\frac{4}{5}$ th of its marked price. She then enhanced the marked price by 20% and sold it at the new marked price. What is Richa's profit percentage?

- (1) 25%
- (2) 50%
- (3) 40%
- (4) 60%

Options :

- 92090655645. 1
- 92090655646. 2
- 92090655647. 3
- 92090655648. 4

Question Number : 13 Question Id : 92090614087 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Two pipes A and B can fill a tank in 15 minutes and 20 minutes respectively. Both the pipes are opened together but after 4 minutes, pipe A is turned off. What is the total time taken to fill the tank?

- | | |
|-------------------|-------------------|
| (1) 14 min 40 sec | (2) 12 min 30 sec |
| (3) 11 min 45 sec | (4) 10 min 20 sec |

Options :

92090655649. 1
92090655650. 2
92090655651. 3
92090655652. 4

Question Number : 13 Question Id : 92090614087 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Two pipes A and B can fill a tank in 15 minutes and 20 minutes respectively. Both the pipes are opened together but after 4 minutes, pipe A is turned off. What is the total time taken to fill the tank?

- | | |
|-------------------|-------------------|
| (1) 14 min 40 sec | (2) 12 min 30 sec |
| (3) 11 min 45 sec | (4) 10 min 20 sec |

Options :

92090655649. 1
92090655650. 2
92090655651. 3
92090655652. 4

Question Number : 14 Question Id : 92090614088 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A large cube is formed by melting three solid metallic cubes of sides 3cm, 4cm and 5cm respectively. What is the ratio of the sum of the surface areas of the given cubes and that of the new cube?

- | | |
|-----------|-----------|
| (1) 2:1 | (2) 3:2 |
| (3) 25:18 | (4) 27:20 |

Options :

92090655653. 1
92090655654. 2
92090655655. 3
92090655656. 4

Question Number : 14 Question Id : 92090614088 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A large cube is formed by melting three solid metallic cubes of sides 3cm, 4cm and 5cm respectively. What is the ratio of the sum of the surface areas of the given cubes and that of the new cube?

- | | |
|-----------|-----------|
| (1) 2:1 | (2) 3:2 |
| (3) 25:18 | (4) 27:20 |

Options :

92090655653. 1
92090655654. 2
92090655655. 3
92090655656. 4

Question Number : 15 Question Id : 92090614089 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Jayant invested a sum of Rs. 65,000 in two schemes and received Rs.7275 as interest after 2 years. In scheme I simple interest is payable at 6% per annum and in scheme II compound interest is payable at 5% per annum Find the ratio of sums he invested in scheme I and scheme II.

- (1) 1:1
(2) 7:6
(3) 5:4
(4) 3:4

Options :

92090655657. 1
92090655658. 2
92090655659. 3
92090655660. 4

Question Number : 15 Question Id : 92090614089 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Jayant invested a sum of Rs. 65,000 in two schemes and received Rs.7275 as interest after 2 years. In scheme I simple interest is payable at 6% per annum and in scheme II compound interest is payable at 5% per annum Find the ratio of sums he invested in scheme I and scheme II.

- (1) 1:1
- (2) 7:6
- (3) 5:4
- (4) 3:4

Options :

- 92090655657. 1
- 92090655658. 2
- 92090655659. 3
- 92090655660. 4

Question Number : 16 Question Id : 92090614090 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the figure will complete pattern of fig (x)?

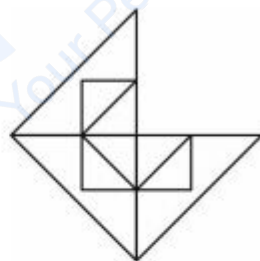
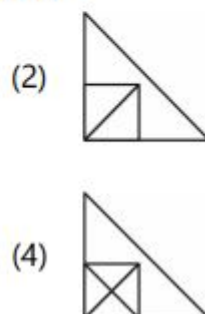
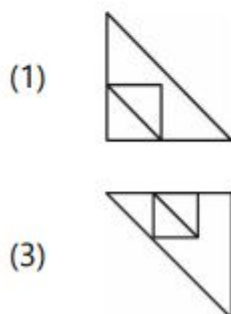


Fig (X)



Options :

- 92090655661. 1

92090655662. 2

92090655663. 3

92090655664. 4

Question Number : 16 Question Id : 92090614090 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the figure will complete pattern of fig (x)?

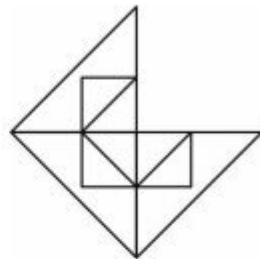
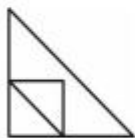


Fig (X)

(1)



(2)



(3)



(4)



Options :

92090655661. 1

92090655662. 2

92090655663. 3

92090655664. 4

Question Number : 17 Question Id : 92090614091 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

When a painted cube is cut into 125 small identical cubes, how many smaller cubes have no face painted?

(1) 27

(2) 64

(3) 8

(4) 16

Options :

92090655665. 1

92090655666. 2

92090655667. 3

92090655668. 4

Question Number : 17 Question Id : 92090614091 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

When a painted cube is cut into 125 small identical cubes, how many smaller cubes have no face painted?

(1) 27

(2) 64

(3) 8

(4) 16

Options :

92090655665. 1

92090655666. 2

92090655667. 3

92090655668. 4

Question Number : 18 Question Id : 92090614092 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given series: 12, 30, 120, 460, 1368, 2730

Observe the series given and by establishing the same relation in series 16, (A), (B), (C), (D), (E), find what will come in place of (D)?

(1) 1384

(2) 2642

(3) 2808

(4) 1988

Options :

92090655669. 1

92090655670. 2

92090655671. 3

92090655672. 4

Question Number : 18 Question Id : 92090614092 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given series: 12, 30, 120, 460, 1368, 2730

Observe the series given and by establishing the same relation in series 16, (A), (B), (C), (D), (E), find what will come in place of (D)?

- (1) 1384
- (2) 2642
- (3) 2808
- (4) 1988

Options :

- 92090655669. 1
- 92090655670. 2
- 92090655671. 3
- 92090655672. 4

Question Number : 19 Question Id : 92090614093 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Select the pair that has the same relationship as the original pair of words given below.

Diva: opera

- (1) Thespian: Play
- (2) Conductor: Bus
- (3) Director: Drama
- (4) Producer: Theater

Options :

- 92090655673. 1
- 92090655674. 2
- 92090655675. 3
- 92090655676. 4

Question Number : 19 Question Id : 92090614093 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Select the pair that has the same relationship as the original pair of words given below.

Diva: opera

- (1) Thespian: Play
- (2) Conductor: Bus
- (3) Director: Drama
- (4) Producer: Theater

Options :

- 92090655673. 1
- 92090655674. 2
- 92090655675. 3
- 92090655676. 4

Question Number : 20 Question Id : 92090614094 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

X is facing east, he turns 100° in the clockwise direction and then 145° in the anti-clockwise direction. Which direction X is facing now?

- (1) East
- (2) North-East
- (3) North
- (4) South-West

Options :

- 92090655677. 1
- 92090655678. 2
- 92090655679. 3
- 92090655680. 4

Question Number : 20 Question Id : 92090614094 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

X is facing east, he turns 100° in the clockwise direction and then 145° in the anti-clockwise direction. Which direction X is facing now?

- (1) East
- (2) North-East
- (3) North
- (4) South-West

Options :

- 92090655677. 1

92090655678. 2

92090655679. 3

92090655680. 4

Question Number : 21 Question Id : 92090614095 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Indian Air Force Day is celebrated every year on _____?

- | | |
|-----------|------------|
| (1) 8 Oct | (2) 8 Sept |
| (3) 8 Aug | (4) 8 Nov |

Options :

92090655681. 1

92090655682. 2

92090655683. 3

92090655684. 4

Question Number : 21 Question Id : 92090614095 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Indian Air Force Day is celebrated every year on _____?

- | | |
|-----------|------------|
| (1) 8 Oct | (2) 8 Sept |
| (3) 8 Aug | (4) 8 Nov |

Options :

92090655681. 1

92090655682. 2

92090655683. 3

92090655684. 4

Question Number : 22 Question Id : 92090614096 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The statements which are correct are:

- (A) Indian system of governance has federal structure. It is a three tiered system, each tier having executive functions.
- (B) According to the constitution of India, central government is the highest executive body of India and the first tier of system.
- (C) State Governments represent second tier and are managed by ruling governments in each state but they have no executive powers.
- (D) Third tier is local level governance, only of panchayat.

Choose the correct answer from the options given below :

- (1) (A), (B) and (C) only
- (2) (A) and (B) only
- (3) (B) and (D) only
- (4) (A), (B) and (D) only

Options :

92090655685. 1

92090655686. 2

92090655687. 3

92090655688. 4

Question Number : 22 Question Id : 92090614096 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The statements which are correct are:

- (A) Indian system of governance has federal structure. It is a three tiered system, each tier having executive functions.
- (B) According to the constitution of India, central government is the highest executive body of India and the first tier of system.
- (C) State Governments represent second tier and are managed by ruling governments in each state but they have no executive powers.
- (D) Third tier is local level governance, only of panchayat.

Choose the correct answer from the options given below :

- (1) (A), (B) and (C) only
- (2) (A) and (B) only
- (3) (B) and (D) only
- (4) (A), (B) and (D) only

Options :

- 92090655685. 1
- 92090655686. 2
- 92090655687. 3
- 92090655688. 4

Question Number : 23 Question Id : 92090614097 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Nethanna Bima' is flagship scheme of which Indian State?

- | | |
|--------------------|---------------|
| (1) Karnataka | (2) Tamilnadu |
| (3) Andhra Pradesh | (4) Telangana |

Options :

- 92090655689. 1
- 92090655690. 2
- 92090655691. 3
- 92090655692. 4

Question Number : 23 Question Id : 92090614097 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Nethanna Bima' is flagship scheme of which Indian State?

- | | |
|--------------------|---------------|
| (1) Karnataka | (2) Tamilnadu |
| (3) Andhra Pradesh | (4) Telangana |

Options :

92090655689. 1
92090655690. 2
92090655691. 3
92090655692. 4

Question Number : 24 Question Id : 92090614098 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : Corporate tax is an indirect tax which is levied on company's profit. It is imposed on registered companies and corporation.

Statement II : It is calculated on profits before interest and allowance (i.e. capital allowance) have been deducted.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

92090655693. 1
92090655694. 2
92090655695. 3
92090655696. 4

Question Number : 24 Question Id : 92090614098 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : Corporate tax is an indirect tax which is levied on company's profit. It is imposed on registered companies and corporation.

Statement II : It is calculated on profits before interest and allowance (i.e. capital allowance) have been deducted.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

92090655693. 1

92090655694. 2

92090655695. 3

92090655696. 4

Question Number : 25 Question Id : 92090614099 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I	List II
<u>Fairs & festivals</u>	<u>States</u>
(A) Nada Habba	(I) Kerala
(B) Vishu	(II) Karnataka
(C) Rath Yatra	(III) Himachal Pradesh
(D) Chaitraul	(IV) Odessa

Choose the correct answer from the options given below:

- (1) (A)-(I), (B)-(III), (C)-(IV), (D)-(II)
- (2) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)
- (3) (A)-(IV), (B)-(II), (C)-(III), (D)-(I)
- (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

Options :

- 92090655697. 1
- 92090655698. 2
- 92090655699. 3
- 92090655700. 4

Question Number : 25 Question Id : 92090614099 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I	List II
<u>Fairs & festivals</u>	<u>States</u>
(A) Nada Habba	(I) Kerala
(B) Vishu	(II) Karnataka
(C) Rath Yatra	(III) Himachal Pradesh
(D) Chaitraul	(IV) Odessa

Choose the correct answer from the options given below:

- (1) (A)-(I), (B)-(III), (C)-(IV), (D)-(II)
- (2) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)
- (3) (A)-(IV), (B)-(II), (C)-(III), (D)-(I)
- (4) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

Options :

92090655697. 1
92090655698. 2
92090655699. 3
92090655700. 4

Part B: Textile Engineering

Section Id :	920906280
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	300
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	920906457
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 26 Question Id : 92090614100 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The acrylonitril content in the modacryue fibre forming polymer is:

- | | |
|--------------|--------------|
| (1) 85 – 95% | (2) 40 – 80% |
| (3) 10 – 30% | (4) 25 – 85% |

Options :

- 92090655701. 1
- 92090655702. 2
- 92090655703. 3
- 92090655704. 4

Question Number : 26 Question Id : 92090614100 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पोलीमर (बहुलक) बनाने वाले मोडऐक्रिलिक तंतु में एक्रिलोनाइट्रिल की मात्रा होती है:

- | | |
|--------------|--------------|
| (1) 85 – 95% | (2) 40 – 80% |
| (3) 10 – 30% | (4) 25 – 85% |

Options :

- 92090655701. 1
- 92090655702. 2
- 92090655703. 3
- 92090655704. 4

Question Number : 27 Question Id : 92090614101 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Spin drawing is used generally to produce tyre cord grade filament yarn. In this process

- (1) spinning and drawing are carried out in a singlestep
- (2) melt spinning is done at hyber speed followed by drawing at lower speed
- (3) melt spinning is done at lower speed followed by drawing at higher speed
- (4) spinning are drawing speeds differ based on the required draw ratio

Options :

- 92090655705. 1
- 92090655706. 2
- 92090655707. 3

Question Number : 27 Question Id : 92090614101 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

स्पिन ड्राइंग का उपयोग प्रायः टायर कॉर्ड श्रेणी के तंतु धागे को बनाने के लिए किया जाता है। इस प्रक्रिया में

- (1) स्पिनंग (कताई) और ड्राइंग (कर्षण) एक ही चरण में किए जाते हैं।
- (2) मेल्ट स्पिनंग को उच्चतर गति से किया जाता है और उसके बाद ड्राइंग कम गति से की जाती है।
- (3) मेल्ट स्पिनंग कम गति से की जाती है और उसके बाद ड्राइंग उच्चतर गति से की जाती है।
- (4) स्पिनंग और ड्राइंग की गतियां वांछित ड्रा रेशियो (कर्श अनुपात) के अनुसार भिन्न होती हैं।

Options :

- 92090655705. 1
- 92090655706. 2
- 92090655707. 3
- 92090655708. 4

Question Number : 28 Question Id : 92090614102 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The quantity of water (by weight) in dried PET (polyethelenetetrophthate) chips suitable for melt spinning is in the range of :

- | | |
|----------------------|----------------------|
| (1) 0.001% to 0.005% | (2) 0.4% to 0.5% |
| (3) 0.2% to 0.3% | (4) approximaty 1.0% |

Options :

- 92090655709. 1
- 92090655710. 2
- 92090655711. 3
- 92090655712. 4

Question Number : 28 Question Id : 92090614102 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूक्ष्म पोलिएथिलीन टेरोथेलट (PET) चिप्स में मेल्ट स्पिनिंग के लिए उपयुक्त जल की मात्रा (भारानुसार) _____ के परास में होती है:

- | | |
|----------------------|------------------|
| (1) 0.001% to 0.005% | (2) 0.4% to 0.5% |
| (3) 0.2% to 0.3% | (4) अ 1.0% |

Options :

- 92090655709. 1
- 92090655710. 2
- 92090655711. 3
- 92090655712. 4

Question Number : 29 Question Id : 92090614103 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

High performance fibre, having very different morphology can be used in bullet proof fabric, is:

- | | |
|-----------|--------------|
| (1) PAN | (2) HDPE |
| (3) LLDPE | (4) UHMWHDPE |

Options :

- 92090655713. 1
- 92090655714. 2
- 92090655715. 3
- 92090655716. 4

Question Number : 29 Question Id : 92090614103 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

उच्च निष्पादन रेशे (हाई परफोमेंन्स फाइबर) जिसको बहुत भिन्न आकार की होती है, का उपयोग बुलेटप्रूफ वस्त्र बनाने में किया जा सकता है, वह है :

- | | |
|-----------|--------------|
| (1) PAN | (2) HDPE |
| (3) LLDPE | (4) UHMWHDPE |

Options :

- 92090655713. 1
- 92090655714. 2
- 92090655715. 3
- 92090655716. 4

Question Number : 30 Question Id : 92090614104 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Glass transition temperature $T_g(0^\circ\text{C})$, of poly lethylenetercphthalal is:

- | | |
|--------|---------|
| (1) 87 | (2) 50 |
| (3) 69 | (4) 100 |

Options :

92090655717. 1
92090655718. 2
92090655719. 3
92090655720. 4

Question Number : 30 Question Id : 92090614104 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

पॉली (स्थिलीन) टेरोथ्यलेट का कांच संक्रामी (ग्लास ट्रांजीशन) तापमान ($T_g(0^\circ\text{C})$) है :

- | | |
|--------|---------|
| (1) 87 | (2) 50 |
| (3) 69 | (4) 100 |

Options :

92090655717. 1
92090655718. 2
92090655719. 3
92090655720. 4

Question Number : 31 Question Id : 92090614105 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

In Ideal spin finish composition, major ingredients are:

- (1) Lubricant, anlistable agent and emulsifier
- (2) Lubricant, softener and emulsifier
- (3) Antimicrobial agent, lubricant and emulsifier
- (4) Sizing agent, softener and emulsifier

Options :

- 92090655721. 1
- 92090655722. 2
- 92090655723. 3
- 92090655724. 4

Question Number : 31 Question Id : 92090614105 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

आदर्श स्पिन फिनिश संयोजन के मुख्य संघटक है:

- (1) लुब्रीकेन्ट (स्नेहक), एन्टीस्टैटिक एजेन्ट (प्रतिस्थैतिक कर्मक) और इमल्सीफायर (इमल्सीकारक)
- (2) लुब्रीकेन्ट, सोफ्टनर (मृदुकारी) और इमल्सी फायर
- (3) एन्टीमाइक्रोबियल एजेन्ट (सूक्ष्मजीवरोधी कर्मक), लुब्रीकेन्ट और इमल्सी फायर
- (4) साइजिंग एजेन्ट (चिक्कणन कर्मक), सॉफ्टनर और इमल्सी फायर

Options :

- 92090655721. 1
- 92090655722. 2
- 92090655723. 3
- 92090655724. 4

Question Number : 32 Question Id : 92090614106 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Zioglar natta catalyst is used in the polymerisation of:

- (1) NYLON 6
- (2) PET
- (3) Acetate
- (4) polypropylene

Options :

- 92090655725. 1
- 92090655726. 2
- 92090655727. 3
- 92090655728. 4

Question Number : 32 Question Id : 92090614106 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

त्सीगलर नट्टा उत्प्रेरक का उपयोग ____ के बहुलकी करण में किया जाता है

- | | |
|--------------|-------------------|
| (1) नाइलोन 6 | (2) PET |
| (3) एसीटेट | (4) पोलिप्रोपिलीन |

Options :

92090655725. 1
92090655726. 2
92090655727. 3
92090655728. 4

Question Number : 33 Question Id : 92090614107 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The fibre that will float in water is:

- | | |
|---------------|--------------------------|
| (1) NYLON 6.6 | (2) Cellulosic fibre box |
| (3) Tencel | (4) Polypropylene |

Options :

92090655729. 1
92090655730. 2
92090655731. 3
92090655732. 4

Question Number : 33 Question Id : 92090614107 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

रेशा/फाइबर जो जल में तैरता है, वह है :

- | | |
|----------------|---------------------------|
| (1) नाइलोन 6.6 | (2) सेलुलोसी रेशे (फाइबर) |
| (3) टेन्सेल | (4) पोलिप्रोपिलीन |

Options :

92090655729. 1
92090655730. 2
92090655731. 3
92090655732. 4

Question Number : 34 Question Id : 92090614108 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The natural polyamide fibres among the following is:

- | | |
|------------|----------|
| (1) cotton | (2) jute |
| (3) wool | (4) flax |

Options :

- 92090655733. 1
- 92090655734. 2
- 92090655735. 3
- 92090655736. 4

Question Number : 34 Question Id : 92090614108 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से प्राकृतिक पोलिआमाइड फाइबर है

- | | |
|----------------|------------------|
| (1) कॉटन (सूत) | (2) जूट |
| (3) ऊन | (4) फ्लैक्स (सन) |

Options :

- 92090655733. 1
- 92090655734. 2
- 92090655735. 3
- 92090655736. 4

Question Number : 35 Question Id : 92090614109 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose the raw materials for manufacturing of NYLON 6.6

- (1) hexamethylene diamine and adipic acid
- (2) terephthalic acid and ethylene glycol
- (3) hexamethylene diamin and ethylene glycol
- (4) caprolactum and methylethyle glycol

Options :

- 92090655737. 1
- 92090655738. 2
- 92090655739. 3
- 92090655740. 4

Question Number : 35 Question Id : 92090614109 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नाइलोन 6.6 को निर्मित करने के लिए इन अपरिष्कृत सामग्रियों का चयन किया जाता है :

- (1) हैक्सामेथलीन डाइएमीन और एडीपिक अम्ल
- (2) टेरेफ्थेलिक एसिड और अम्ल
- (3) हैक्सामेथिलीन डाइएमीन और एथिलन ग्लोइकोल
- (4) कैप्रोलैक्टम और मिथाइल इथाइल ग्लोइकोल

Options :

- 92090655737. 1
- 92090655738. 2
- 92090655739. 3
- 92090655740. 4

Question Number : 36 Question Id : 92090614110 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Number of fibers in cross section are more in case of:

- (1) cotton
- (2) silver
- (3) roving
- (4) yarn

Options :

- 92090655741. 1
- 92090655742. 2
- 92090655743. 3
- 92090655744. 4

Question Number : 36 Question Id : 92090614110 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

_____में रेशों की संख्या अनुप्रस्थ परिच्छेद (क्रॉससेक्शन) में अधिक होती है

- (1) कॉटन टफ्ट (कपास गुच्छ)
- (2) स्लिवर (पूनी)
- (3) शेर्विंग (आमोटन)
- (4) यार्न (सूत्र/धागा)

Options :

92090655741. 1
92090655742. 2
92090655743. 3
92090655744. 4

Question Number : 37 Question Id : 92090614111 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

For the same count and row ____, the rotor spun yarns are bulkier than ring spun yarns because:

- (1) strength of rotor yarns is higher than ring spun yarn
- (2) novel tube pools off fibers from rotor spun yarn
- (3) no of belts are higher in case of rotor yarn
- (4) yarn tension in rotor spun yarn is lower as compared to ring spun yarn.

Options :

92090655745. 1
92090655746. 2
92090655747. 3
92090655748. 4

Question Number : 37 Question Id : 92090614111 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

समान काउन्ट और अपरिष्कृत सामग्री के लिए रोटार स्पन (वयन किए गए) यार्न (सूत्र) रिंग स्पन (वलय, वयित) यार्न (सूत्र) से अधिक स्थूल होते हैं, क्योंकि

- (1) रोटार यार्न की सामर्थ्य रिंग स्पन यार्न से अधिक होती है
- (2) रोटार स्पन यार्न में नेकल ट्यूब रेशो को छील देती है
- (3) रोटार यार्न के मामले में बेल्टों की संख्या अधिक होती है।
- (4) रोटार स्पन यार्न में यार्न टेन्शन (सूत्र तनाव) रिंग स्पन यार्न की तुलना में कम होता है।

Options :

92090655745. 1
92090655746. 2
92090655747. 3
92090655748. 4

Question Number : 38 Question Id : 92090614112 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Fibers migration is highest in case of following spinning technology, for given count of yarn :

- | | |
|----------------|-------------|
| (1) ring frame | (2) DRET-II |
| (3) MJS | (4) SIRO |

Options :

92090655749. 1
92090655750. 2
92090655751. 3
92090655752. 4

Question Number : 38 Question Id : 92090614112 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

यार्न (सूत्र/धागे) के दिए गए काउन्ट के लिए फाइबर माइग्रेशन (सूत्र स्थानांतरण) ____ के मामले में अधिकतम होता है

- | | |
|----------------|---------------|
| (1) ring frame | (2) DRET-II अ |
| (3) MJS | (4) SIRO |

Options :

92090655749. 1
92090655750. 2
92090655751. 3
92090655752. 4

Question Number : 39 Question Id : 92090614113 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Test is used for assessment/evaluation of performance of auto leveller on draw frame:

- | | |
|---------|--------|
| (1) A% | (2) C% |
| (3) VI% | (4) T% |

Options :

92090655753. 1
92090655754. 2

92090655755. 3

92090655756. 4

Question Number : 39 Question Id : 92090614113 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ड्राई फ्रेम (कर्षण फ्रेम) पर ऑटोलेवलर के प्रदर्शन के आकलन/मूल्यांकन के लिए _____ परिक्षण का उपयोग किया जाता है :

- | | |
|---------|--------|
| (1) A% | (2) C% |
| (3) VI% | (4) T% |

Options :

92090655753. 1

92090655754. 2

92090655755. 3

92090655756. 4

Question Number : 40 Question Id : 92090614114 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The angle subtended by the circular half lap is 75° and the time taken by the half lap to the fringe is 0.05 sec. The approximate nips /min of the comb would be:

- | | |
|---------|---------|
| (1) 375 | (2) 250 |
| (3) 170 | (4) 450 |

Options :

92090655757. 1

92090655758. 2

92090655759. 3

92090655760. 4

Question Number : 40 Question Id : 92090614114 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

गोल हॉफलैप (अर्ध छादन) द्वारा कक्षांतरित कोण 75° है। हॉफ लैप द्वारा फ्रिज (झालर) को काढ़ने (कॉम्ब करण) में लिया गया समय 0.05 सैकिन्ड है। कॉम्बार के nips /min लगभग होगी :

- | | |
|---------|---------|
| (1) 375 | (2) 250 |
| (3) 170 | (4) 450 |

Options :

92090655757. 1
92090655758. 2
92090655759. 3
92090655760. 4

Question Number : 41 Question Id : 92090614115 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Approximate beats /inch or a beater working with following parameter beats rpm = 800
number of strickses = 20 feed roller rpm 25 diameter of feed roller = 4"

- | | |
|--------|--------|
| (1) 51 | (2) 45 |
| (3) 61 | (4) 21 |

Options :

92090655761. 1
92090655762. 2
92090655763. 3
92090655764. 4

Question Number : 41 Question Id : 92090614115 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित प्राचलों के साथ काम करने वाले बटिर के बीट (विस्पंद) इंच होंगे ;

बटिर rpm = 800 स्ट्राइकर्स की संख्या = 20 फीड रोलर rpm = 25 फीड रोलर का व्यास = 4"

- | | |
|--------|--------|
| (1) 51 | (2) 45 |
| (3) 61 | (4) 21 |

Options :

92090655761. 1
92090655762. 2

92090655763. 3

92090655764. 4

Question Number : 42 Question Id : 92090614116 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The cleaning of blow room machine if the waste in the raw material is 6%, waste in the sliver at carding machine is 0.4% and carding machine cleaning efficiency is 75%, is:

- | | |
|-----------|------------|
| (1) 60.5% | (2) 73.33% |
| (3) 81% | (4) 70.50% |

Options :

92090655765. 1

92090655766. 2

92090655767. 3

92090655768. 4

Question Number : 42 Question Id : 92090614116 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक ब्लो (धमन) कक्ष मैट्रिक्स की सफाई में होने वाले खर्च का आकलन कीजिए यदि अपरिष्कृत सामग्री में अपशिष्ट 6% कार्डिंग मशीन की निर्मलन दक्षता 75% है :

- | | |
|-----------|------------|
| (1) 60.5% | (2) 73.33% |
| (3) 81% | (4) 70.50% |

Options :

92090655765. 1

92090655766. 2

92090655767. 3

92090655768. 4

Question Number : 43 Question Id : 92090614117 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Yarn tension during unwinding from COP is:

- (1) high at full cop and low at empty COP
- (2) constant irrespective of stage of unwinding
- (3) low at full COP and high at empty COP.
- (4) highest at the beginning decreases gradually and rises again.

Options :

92090655769. 1
92090655770. 2
92090655771. 3
92090655772. 4

Question Number : 43 Question Id : 92090614117 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

‘cop’ से खोलते समय यार्न तनाव होता है :

- (1) पूरे कोप (COP) पर अधिक और खाली COP पर कम
- (2) खुलने के चरण से अप्रभावित होता है और स्थिर रहता है
- (3) पूरे कोप पर कम और खाली कोप पर अधिक होती है
- (4) आरंभ में उच्चतम होता है, फिर क्रमिक रूप से कम होता है और फिर बढ़ जाता है।

Options :

92090655769. 1
92090655770. 2
92090655771. 3
92090655772. 4

Question Number : 44 Question Id : 92090614118 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The technology used to produce S and Z twist in the same yarn is:

- | | |
|--------------------|-------------------------|
| (1) rotor spinning | (2) MJS spinning |
| (3) wrap spinning | (4) self twist spinning |

Options :

92090655773. 1

92090655774. 2

92090655775. 3

92090655776. 4

Question Number : 44 Question Id : 92090614118 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एक ही यानें (धागे) में S और Z ट्विस्ट (ऐंठन) निर्मित करने के लिए उपयोग की जाने वाली प्रौद्योगिकी है”

(1) रोटरी स्पिनिंग (धूँकों कटाई)

(2) MJS स्पिनिंग (कटाई)

(3) रैप स्पिनिंग (वेष्टन कटाई)

(4) सेल्फ ट्विस्ट स्पिनिंग (स्वऐंठन कटाई)

Options :

92090655773. 1

92090655774. 2

92090655775. 3

92090655776. 4

Question Number : 45 Question Id : 92090614119 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Wire point shows intensive opening in blow room line

(1) saw tooth

(2) bladed type

(3) pin type

(4) spike type

Options :

92090655777. 1

92090655778. 2

92090655779. 3

92090655780. 4

Question Number : 45 Question Id : 92090614119 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

_____ वायर (तार) पॉइन्ट दलो (धमन) कक्ष लाइन में गहन दरार (इंटेन्सिव ओपनिंग) को दर्शाता है :

(1) आरादंती

(2) ब्लेडेड प्रकार

(3) पिन प्रकार

(4) स्पाइक/कणिश प्रकार

Options :

- 92090655777. 1
- 92090655778. 2
- 92090655779. 3
- 92090655780. 4

Question Number : 46 Question Id : 92090614120 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In welt knitted fabrics of the same mass pm unit area produced from the same count the structure which will give highest thickness is:

- | | |
|---------------------|---------------|
| (1) Plain | (2) Rib (1X1) |
| (3) Pure and Tricot | (4) Interlock |

Options :

- 92090655781. 1
- 92090655782. 2
- 92090655783. 3
- 92090655784. 4

Question Number : 46 Question Id : 92090614120 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

समान द्रव्यमान प्रति इकाई क्षेत्रफल वाले अच्छे बुने वस्त्र जिनको समान काउन्ट से बनया गया हो, जो बनावत सबसे अधिक मोटाई प्रदान करेगी, वह है :

- | | |
|-----------------------|---------------------|
| (1) प्लेन/ सादा | (2) धार्श/रिब (1X1) |
| (3) पर्ल एंव ट्राइकोट | (4) इंटरलॉक |

Options :

- 92090655781. 1
- 92090655782. 2
- 92090655783. 3
- 92090655784. 4

Question Number : 47 Question Id : 92090614121 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Following type of weave shows maximum tearing strength,

- | | |
|------------------|---------------|
| (1) Satin | (2) Basket |
| (3) Broken twill | (4) Mat weave |

Options :

- 92090655785. 1
- 92090655786. 2
- 92090655787. 3
- 92090655788. 4

Question Number : 47 Question Id : 92090614121 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित प्रकार की बुनाई सबसे अधिक विदारण सामर्थ्य (टियरिंग स्ट्रेन्थ) प्रदर्शित करती है :

- | | |
|---------------------------|---------------|
| (1) साटन | (2) बास्केट |
| (3) ब्रोकेन (खंडित) ट्विल | (4) मैट बुनाई |

Options :

- 92090655785. 1
- 92090655786. 2
- 92090655787. 3
- 92090655788. 4

Question Number : 48 Question Id : 92090614122 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Ball warping is mainly used in the manufacturing of.

- | | |
|------------------|--------------------|
| (1) Terry towels | (2) Narrow fabrics |
| (3) Shed Nets | (4) Denim fabrics |

Options :

- 92090655789. 1
- 92090655790. 2
- 92090655791. 3
- 92090655792. 4

Question Number : 48 Question Id : 92090614122 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

बॉल वापिंग (गोला ताना) का उपयोग मुख्यतः _____ के निर्माण में किया जाता है :

- | | |
|------------------------|-----------------------------------|
| (1) टैरी टॉवेल (तौलिए) | (2) संकीर्ण वस्त्र (नैरो फैब्रिक) |
| (3) शेड नेट/जाल | (4) डेनिम वस्त्र |

Options :

- 92090655789. 1
- 92090655790. 2
- 92090655791. 3
- 92090655792. 4

Question Number : 49 Question Id : 92090614123 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Torque required to twist the torsion rod in case of project a weaving is not depend on

- | | |
|------------------------|---------------------------------|
| (1) Diameter of rod | (2) Length of rod |
| (3) Mass of projectile | (4) length of projectile filter |

Options :

- 92090655793. 1
- 92090655794. 2
- 92090655795. 3
- 92090655796. 4

Question Number : 49 Question Id : 92090614123 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रोजेक्टाइल (प्रक्षेपास्त्र) बुनाई में टोर्सन (मरोड़ छड़) के ऐंठन के लिए आवश्यक बलआधूर्ण (टोर्क) निर्भर नहीं करता है :

- | | |
|-----------------------------|---------------------------------|
| (1) छड़/रॉड के व्यास पर | (2) छड़/रॉड की लंबाई पर |
| (3) प्रक्षेप्य का द्रव्यमान | (4) प्रक्षेप्य फिल्टर की लम्बाई |

Options :

- 92090655793. 1
- 92090655794. 2
- 92090655795. 3

Question Number : 50 Question Id : 92090614124 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Limiting oxygen index (LOI) is determined the efficiency of:

- | | |
|-------------------------------|--------------------------------|
| (1) W-n-W finishing | (2) Water proofing |
| (3) Flame retardant finishing | (4) Crease resistant finishing |

Options :

- 92090655797. 1
- 92090655798. 2
- 92090655799. 3
- 92090655800. 4

Question Number : 50 Question Id : 92090614124 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सीमात ऑक्सीजन सूचकांक (लिमिटिंग ऑक्सीजन इंडेक्स; (LOI) का निर्धारण _____ की दक्षता के परीक्षण के लिए किया जाता है।

- | | |
|-------------------------------|-------------------------|
| (1) W-n-W फिनिशिंग (परिसज्जा) | (2) जलरोधन |
| (3) ज्वाला मंदक फिनिशिंग | (4) क्रोज रोधी फिनिशिंग |

Options :

- 92090655797. 1
- 92090655798. 2
- 92090655799. 3
- 92090655800. 4

Question Number : 51 Question Id : 92090614125 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Cotton can be made water repellent by using

- | | |
|------------------------|-------------------------|
| (1) Silicon finish | (2) A nonionic softener |
| (3) Rot proofing agent | (4) Reactive softener |

Options :

92090655801. 1
92090655802. 2
92090655803. 3
92090655804. 4

Question Number : 51 Question Id : 92090614125 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

कपास को ____ के उपयोग द्वारा जल प्रतिकर्षी बनाया जा सकता है :

- | | |
|------------------------------------|---|
| (1) सिलिकॉन फिनिश (परिसज्जा) | (2) श्रणायानी मृदुकारी (सोफ्टनर) |
| (3) रोट प्रूफिंग (पूयन सदयन) कर्मक | (4) क्रियाशोल मृदुकारी (रिएक्टिव सोफ्टनर) |

Options :

92090655801. 1
92090655802. 2
92090655803. 3
92090655804. 4

Question Number : 52 Question Id : 92090614126 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The most productive method for textile printing is

- | | |
|----------------------------|--------------------------------|
| (1) Rotary screen printing | (2) Automatic Hat-bed printing |
| (3) Block Printing | (4) Roller Printing |

Options :

92090655805. 1
92090655806. 2
92090655807. 3
92090655808. 4

Question Number : 52 Question Id : 92090614126 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वस्त्र की छपाई के लिए सबसे उत्पादक विधि है :

- | | |
|--|--|
| (1) रोटरी स्क्रीन प्रिंटिंग/धूर्णी आवरण छपाई | (2) ऑटोमैटिक फ्लैट बेड प्रिंटिंग (चिपिट तल छपाई) |
| (3) ब्लोक प्रिंटिंग (ठप्पा छपाई) | (4) रोलर प्रिंटिंग (बेलन छपाई) |

Options :

92090655805. 1
92090655806. 2
92090655807. 3
92090655808. 4

Question Number : 53 Question Id : 92090614127 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Polymer content of typical blender used in pigment printing on textile substrate

- | | |
|------------|------------|
| (1) 35-38% | (2) 20-22% |
| (3) 10-15% | (4) 4-7% |

Options :

92090655809. 1
92090655810. 2
92090655811. 3
92090655812. 4

Question Number : 53 Question Id : 92090614127 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वस्त्र क्रियाधार (सबस्ट्रेट) पर वर्णक छपाई ए उपयोग किएजाने वाले प्रारूपिक योजक (बाइन्डर) में बहुलाक की मात्रा होती है

- | | |
|------------|------------|
| (1) 35-38% | (2) 20-22% |
| (3) 10-15% | (4) 4-7% |

Options :

92090655809. 1
92090655810. 2
92090655811. 3
92090655812. 4

Question Number : 54 Question Id : 92090614128 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Jet dyeing machines are use for dying

- | | |
|--------------------|-------------------|
| (1) Coated Fabric | (2) Bonded Fabric |
| (3) Knitted Fabric | (4) Woven Fabric |

Options :

92090655813. 1
92090655814. 2
92090655815. 3
92090655816. 4

Question Number : 54 Question Id : 92090614128 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

जेट डाइंग (रंगाई की) मशीनों का उपयोग _____ की रंगाई के लिए किया जाता है

- | | |
|----------------------------------|-----------------------------|
| (1) आलेपित (कोटेड) वस्त्र | (2) आबंधित (बॉन्डेड) वस्त्र |
| (3) बुने (निहिड) हुए ऊनां वस्त्र | (4) बुने (दोवन) वस्त्र |

Options :

92090655813. 1
92090655814. 2
92090655815. 3
92090655816. 4

Question Number : 55 Question Id : 92090614129 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Kulbelka-Munk equation, used in colour measurement, is

$$(1) \ k/s = \frac{(1-R)^2}{2R}$$

$$(2) \ k/s = \frac{(1-R)^{1/2}}{R}$$

$$(3) \ k/s = \frac{(1-2R)^{1/2}}{2R}$$

$$(4) \ K/S = \frac{(1-R)^{1/2}}{R}$$

Options :

92090655817. 1

92090655818. 2

92090655819. 3

92090655820. 4

Question Number : 55 Question Id : 92090614129 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

रंग के मापन के लिए उपयोग की जाने वाली कुनेल्का-मुक समीकरण है :

$$(1) \ k/s = \frac{(1-R) 2}{2R}$$

$$(2) \ k/s = \frac{(1-R)^{1/2}}{R}$$

$$(3) \ k/s = \frac{(1-2R)^{1/2}}{2R}$$

$$(4) \ K/S = \frac{(1-R)^{1/2}}{R}$$

Options :

92090655817. 1

92090655818. 2

92090655819. 3

92090655820. 4

Question Number : 56 Question Id : 92090614130 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Despite weak-dye fiber interaction vat-dyes shows extremely good work fasteners on cotton cellulose is because of :

- (1) water inscunbity of dye and dye aggregation
- (2) high dyeing tempertative
- (3) high dye solubility in water
- (4) low moleculer weight of dye

Options :

- 92090655821. 1
- 92090655822. 2
- 92090655823. 3
- 92090655824. 4

Question Number : 56 Question Id : 92090614130 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निर्बल-रंजक (डाई) तांतुक/रेशा परस्परक्रिया के बावजूद, वैद रंजक घुलाई होने पर सूती सेलुलोस पर अत्यधिक पक्का रंग दर्शाते हैं क्योंकि :

- (1) रंजक और रंजक सम्मुख जल में अधुलनशील होते हैं
- (2) रंजन तापमान उच्च होता है
- (3) जल में रंजक की उच्च क्लियता होते हैं
- (4) रंजक का अणुभार कम होता है

Options :

- 92090655821. 1
- 92090655822. 2
- 92090655823. 3
- 92090655824. 4

Question Number : 57 Question Id : 92090614131 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Absorption of light in UV region and reflection of light in visible region is the phenomenon associated with:

- (1) Vat Dyes
- (2) Disperse dyes with coloured chromophore
- (3) Optical brightening agent
- (4) Blurring Agent

Options :

- 92090655825. 1
- 92090655826. 2
- 92090655827. 3
- 92090655828. 4

Question Number : 57 Question Id : 92090614131 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

UV क्षेत्र में प्रकाश का अवशोषण और दृश्य क्षेत्र में प्रकाश का परावर्तन _____ से संबद्ध परिघटना है :

- (1) वैट – रंजक
- (2) रंगीन क्रोमोफोर युक्त प्रक्षिप्त रंजक
- (3) प्रकाशिक प्रमासन कर्मक (ऑप्टिकल ब्राइटनिंग एजेंट)
- (4) नीलन कर्मक (ब्लूइंगएपेन्ट)

Options :

- 92090655825. 1
- 92090655826. 2
- 92090655827. 3
- 92090655828. 4

Question Number : 58 Question Id : 92090614132 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Deconvolution lount is a measure of

- | | |
|----------------------------|---------------------------|
| (1) Extent of Bleaching | (2) Extent of Desizing |
| (3) Mercenzahan efficiency | (4) Efficiency of Scoring |

Options :

- 92090655829. 1

92090655830. 2

92090655831. 3

92090655832. 4

Question Number : 58 Question Id : 92090614132 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

विसंवलन (डीकन्वोल्यूशन) काउन्ट मापन है :

- (1) विरंजन (ब्लीचिंग की मात्रा) (2) विचिक्कणन (डीसाइजिंग की मात्रा)
(3) मर्सरोकण (Mercerization/मर्सराइजेशन) (4) अभिमार्जन (स्काउरिंग) दक्षता

Options :

92090655829. 1

92090655830. 2

92090655831. 3

92090655832. 4

Question Number : 59 Question Id : 92090614133 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Cellulose is used for:

- (1) whitening of cotton fabric
(2) Reducing surface ----- of the wash liqner
(3) Bio-polishing of cotton fabare
(4) Remomy protenious impurities during Scoring

Options :

92090655833. 1

92090655834. 2

92090655835. 3

92090655836. 4

Question Number : 59 Question Id : 92090614133 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सेलुलेस का उपयोग किया जाता है :

- (1) सूती वस्त्र के धवलीकरण के लिए
- (2) धावन द्रव (वाश लिक्वर) के वृष्ट तनाव को कम करने के लिए
- (3) सूती वस्त्र की जैब - पॉलिशिंग
- (4) अपमार्जन के समय प्रोटीनी अशुद्धियों को दूर करने के लिए

Options :

92090655833. 1
92090655834. 2
92090655835. 3
92090655836. 4

Question Number : 60 Question Id : 92090614134 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Classimat fault which has the highest probability of musing an end break during further process is :

- | | |
|--------|--------|
| (1) D2 | (2) G |
| (3) I2 | (4) A2 |

Options :

92090655837. 1
92090655838. 2
92090655839. 3
92090655840. 4

Question Number : 60 Question Id : 92090614134 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

क्लासीमेट फॉल्ट जिसकी आगे की प्रक्रिया में एन्ड ब्रेक करने की सबसे अधिक प्रदिकता/संभावना होती है, वह है :

- | | |
|--------|--------|
| (1) D2 | (2) G |
| (3) I2 | (4) A2 |

Options :

92090655837. 1
92090655838. 2

92090655839. 3

92090655840. 4

Question Number : 61 Question Id : 92090614135 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The fabric drapp is influenced by _____ its

- | | |
|-------------------------|----------------------|
| (1) Bonding rigidity | (2) Tansile strength |
| (3) elongation at break | (4) Busting strenght |

Options :

92090655841. 1

92090655842. 2

92090655843. 3

92090655844. 4

Question Number : 61 Question Id : 92090614135 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

फैब्रिक ड्रेप/वस्तु विन्यास सर्वाधिक प्रभावित होता है, अपने :

- | | |
|--|---|
| (1) बंकन दृढ़ता (बेनिडिंग रिजिडिटी) से | (2) तनन प्रबलता (टेन्साइल स्ट्रेन्थ) |
| (3) ब्रेक के समय दीर्घीकरण से | (4) प्रस्फोटन प्रबलता (बसिंटिंग स्ट्रेन्थ) से |

Options :

92090655841. 1

92090655842. 2

92090655843. 3

92090655844. 4

Question Number : 62 Question Id : 92090614136 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Capacity of tearing strength tester is determind by:

- | | |
|------------------------|---------------------------|
| (1) Weight of Pendulum | (2) length of shaft |
| (3) Speed of jaw | (4) Distance both the Jaw |

Options :

92090655845. 1
92090655846. 2
92090655847. 3
92090655848. 4

Question Number : 62 Question Id : 92090614136 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

विहार प्रबलता/टियरिंग स्ट्रेन्थ टेस्टर की क्षमाता का निर्धारण _____ द्वारा किया जाता है

- | | |
|---------------------|-----------------------|
| (1) पेन्डुलम का मार | (2) शाफ्ट की लंबाई |
| (3) जॉ की चाल | (4) जॉ के बीच के दूरी |

Options :

92090655845. 1
92090655846. 2
92090655847. 3
92090655848. 4

Question Number : 63 Question Id : 92090614137 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The approximate english and worsted counts of latic yarn are:

- | | |
|---------------|---------------|
| (1) 60 and 89 | (2) 50 and 89 |
| (3) 40 and 60 | (4) 30 and 89 |

Options :

92090655849. 1
92090655850. 2
92090655851. 3
92090655852. 4

Question Number : 63 Question Id : 92090614137 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

लैटैक्स यार्न के इंगलिश और वस्टैंड काउन्ट लगभग _____ होते हैं :

- | | |
|--------------|--------------|
| (1) 60 और 89 | (2) 50 और 89 |
| (3) 40 और 60 | (4) 30 और 89 |

Options :

92090655849. 1
92090655850. 2
92090655851. 3
92090655852. 4

Question Number : 64 Question Id : 92090614138 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The unit of (CSP) of give yarn sample is

- | | |
|---------------|---------------------------------------|
| (1) gm/device | (2) N/mm ² |
| (3) CN/tax | (4) strength of yarn in pound X count |

Options :

92090655853. 1
92090655854. 2
92090655855. 3
92090655856. 4

Question Number : 64 Question Id : 92090614138 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी दिए गए यार्न सेम्पल की 'CSP' की इकाई है"

- | | |
|---------------|---|
| (1) gm/डिवाइस | (2) N/mm ² |
| (3) CN/टैक्स | (4) यार्न की पाउन्ड में सामर्थ्य x काउन्ट |

Options :

92090655853. 1
92090655854. 2
92090655855. 3
92090655856. 4

Question Number : 65 Question Id : 92090614139 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Moisture regain % of cotton which has 7% moisture content will be

- | | |
|---------|---------|
| (1) 6.5 | (2) 7.0 |
| (3) 7.5 | (4) 9.0 |

Options :

92090655857. 1
92090655858. 2
92090655859. 3
92090655860. 4

Question Number : 65 Question Id : 92090614139 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

7% आर्द्रता के मात्रा वाले कपास/सूत का आर्द्रता पुनप्राप्ति प्रतिशत होगा :

- | | |
|---------|----------|
| (1) 6.5 | (2) 7.0 |
| (3) 7.5 | (4) 9.0s |

Options :

92090655857. 1
92090655858. 2
92090655859. 3
92090655860. 4

Question Number : 66 Question Id : 92090614140 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements: One is labelled as Assertion A. and the other is labelled as Reason (R).

Assertion A. : In case of dyeing of cotton with reactive dyes formation of hydrolyzed dye is no major problem

Reasons (R) : In an alkaline medium, the reactive dye reacts with the hydroxyl groups (-OH) irrespective of whether there are from cellulose or water

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both A. and (R) are correct and (R) is the correct explanation of A.
- (2) Both A. and (R) are correct but (R) is NOT the correct explanation of A.
- (3) A. is correct but (R) is not correct
- (4) A. is not correct but (R) is correct

Options :

92090655861. 1

92090655862. 2

92090655863. 3

92090655864. 4

Question Number : 66 Question Id : 92090614140 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में है :

अभिकथन A : कपास/सूत को अभिक्रियाशील रंजको से रंगने पर जलअपघटित रंजक का बनना एक बड़ी समस्या है ।

कारण R : क्षारकीय माध्यम में, अभिक्रियाशील रंजक हाइड्रोक्सिल समूहों (-OH) से अभिक्रिया करते हैं, चाहे वह सेलुलोस के हो अथवा जल के हों।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही है, लेकिन R सही नहीं है
- (4) A सही नहीं है, लेकिन R सही है

Options :

92090655861. 1
92090655862. 2
92090655863. 3
92090655864. 4

Question Number : 67 Question Id : 92090614141 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion A. and the other is labelled as Reason (R).

Assertion A. : Polyester fibers shows poor dye holding capacity than nylon is given process puranetus

Reasons (R) : Polyester has more no of carboxylic groups in the polymeric chain than nylon which facilitate the better dye holding capacity

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both A. and (R) are true and (R) is the correct explanation of A.
- (2) Both A. and (R) are true but (R) is NOT the correct explanation of A.
- (3) A. is true but (R) is false
- (4) A. is false but (R) is true

Options :

92090655865. 1
92090655866. 2
92090655867. 3
92090655868. 4

Question Number : 67 Question Id : 92090614141 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में है :

अभिकथन A : दिए गए प्रक्रम पाचलो के लिए पोलिएस्टर फाइबर नाइलोन की अपेक्षा कम रंजक धारण क्षमता प्रदर्शित करते हैं।

कारण R : पोलिएस्टर में नाइलोन की तुलना में बहुलकी श्रृंखला (पोलीमरिक चेन) में कार्बोक्सिलिक समूहों की संख्या अधिक होती है, जो बेहतर रंजक धारण क्षमता को सुगम बनाता है

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही है, लेकिन R सही नहीं है
- (4) A सही नहीं है, लेकिन R सही है

Options :

92090655865. 1
92090655866. 2
92090655867. 3
92090655868. 4

Question Number : 68 Question Id : 92090614142 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion A. and the other is labelled as Reason (R).

Assertion A. : In Case of manufactured fiber spinning a circular spinneret orifice always results in circular cross section of filaments in melt spinning but it is not true in case of dry spinning.

Reasons (R) : melt spinning involves only heat transfer whereas dry spinning involves both heat and mass transfer

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both A. and (R) are true and (R) is the correct explanation of A.
- (2) Both A. and (R) are true but (R) is NOT the correct explanation of A.
- (3) A. is true but (R) is false
- (4) A. is false but (R) is true

Options :

92090655869. 1

92090655870. 2

92090655871. 3

92090655872. 4

Question Number : 68 Question Id : 92090614142 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में है :

अभिकथन A : मैन्युफैक्चर्ड फाइबर स्पिनिंग के मामले में गोल स्पिनरेट ओरीफाइस से मेल्ट स्पिनिंग में तंतुओं का गोल क्रॉस सेक्सन (अनुप्रस्थ अनुच्छेद) प्राप्त होता है लेकिन ड्राई स्पिनिंग में ऐसा नहीं होता है।

कारण R : मेल्ट स्पिनिंग में सिर्फ ऊष्मा स्थानांतरण जबकि ड्राई स्पिनिंग में उष्मा और द्रव्यमान स्थानांतरण दोनों होते हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

92090655869. 1
92090655870. 2
92090655871. 3
92090655872. 4

Question Number : 69 Question Id : 92090614143 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion A. and the other is labelled as Reason (R).

Assertion A : In wet spinning process , the counter diffusion of solvent and non solvent are essential in the coagulation bath for fiber formation

Reasons (R) : This ensure a constant diameter of the gel fiber

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both A. and (R) are true and (R) is the correct explanation of A.
- (2) Both A. and (R) are true but (R) is NOT the correct explanation of A.
- (3) A. is true but (R) is false
- (4) A. is false but (R) is true

Options :

92090655873. 1
92090655874. 2
92090655875. 3
92090655876. 4

Question Number : 69 Question Id : 92090614143 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : वेट स्पिनिंग (आर्द्र कटाई) प्रक्रम में, विलायक और अविलायक का प्रतिविसरण फाइबर (तंतु) बनाने के लिए स्कंदन कुंड (कोएग्यूलेशन बाथ) में अनिवार्य है।

कारण R : ये जोल फाइबर के स्थिर व्यास को सुनिश्चित करता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

92090655873. 1
92090655874. 2
92090655875. 3
92090655876. 4

Question Number : 70 Question Id : 92090614144 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion A. and the other is labelled as Reason (R).

Assertion A. : King yarn of given count shows high tenacity as compared to rotor spun yarn of same count

Reasons (R) : In ring yarn, the rate of fiber migration is more than that of rotor yarn and also it is less hairy compared to rotor yarn

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both A. and (R) are true and (R) is the correct explanation of A.
- (2) Both A. and (R) are true but (R) is NOT the correct explanation of A.
- (3) A. is true but (R) is false
- (4) A. is false but (R) is true

Options :

92090655877. 1

92090655878. 2

92090655879. 3

92090655880. 4

Question Number : 70 Question Id : 92090614144 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : किसी दिए गए काउन्ट का रिंग यार्न समान काउन्ट के रोटर यार्न की तुलना में उच्च लघिष्णुता (टीनेसिटी) दर्शाता है।

कारण R : रिंग यार्न में तंतु स्थानांतरण की दर रोटर यार्न की तुलना में अधिक होती है, साथ ही यह रोटर यार्न की तुलना में कम रोमिल होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

92090655877. 1

92090655878. 2

92090655879. 3

92090655880. 4

Question Number : 71 Question Id : 92090614145 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion A. and the other is labelled as Reason (R).

Assertion A. : Modern blow room line shows less fiber rupline as compared to the conventional and for give quality of cotton fiber

Reasons (R) : No. of machines in modern blow room line are less with no of ____ paints and focus more is given on opening of fiber rotor than the cleaning, as it is not thme in conventional line where cleaning has given more importance than opening

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both A. and (R) are true and (R) is the correct explanation of A.
- (2) Both A. and (R) are true but (R) is NOT the correct explanation of A.
- (3) A. is true but (R) is false
- (4) A. is false but (R) is true

Options :

- 92090655881. 1
- 92090655882. 2
- 92090655883. 3
- 92090655884. 4

Question Number : 71 Question Id : 92090614145 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : आधुनिक ब्लो रूम (धमन कक्ष) लाइन कंपास रेशो| फाइबर की दी गई मात्रा के लिए पारंपारिक लाइन की अपेक्षा कम तंतु विदारण दर्शाती है।

कारण R : आधुनिक नलोरूम लाइन में मशीनों की संख्या (कम ताड़न बिंदुओं/बीटिंग पॉइन्ट्स की संख्या) कम होती है और मुख्यतः सफाई की अपेक्षा रेशो/तंतुओं को खोलने पर केन्द्रित किया जाता है। जबकी पारंपारिक लाइन में ऐसा नहीं होता है, जहां सफाई को तंतु/रेशों को खोलने की अपेक्षा अधिक महत्व दिया जाता है

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

92090655881. 1
92090655882. 2
92090655883. 3
92090655884. 4

Question Number : 72 Question Id : 92090614146 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements : One is labelled as Assertion A. and the other is labelled as Reason (R).

Assertion A. : Bundle fiber strength tested at 3mm gauge length gives high variation as compared to tested at zero mm gauge.

Reasons (R) : At 3 mm, there is chance of having more variation with respect 1 mass length than zero mm gauge length

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both A. and (R) are true and (R) is the correct explanation of A.
- (2) Both A. and (R) are true but (R) is NOT the correct explanation of A.
- (3) A. is true but (R) is false
- (4) A. is false but (R) is true

Options :

92090655885. 1

92090655886. 2

92090655887. 3

92090655888. 4

Question Number : 72 Question Id : 92090614146 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : 3 mm गेज लंबाई पर टेस्ट किए गए बंडल फाइबर (पूल तंतु) की सामर्थ्य शून्य mm गेज पर टेस्ट किए गए की तुलना में अत्यधिक भिन्नता दर्शाती है।

कारण R : 3 mm पर, द्रव्यमाप/लंबाई शून्य mm गेज लंबाई की तुलना में अधिक भिन्नता होने की संभावना रहती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

- 92090655885. 1
- 92090655886. 2
- 92090655887. 3
- 92090655888. 4

Question Number : 73 Question Id : 92090614147 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Consider the following statements in context of cotton yarn_____ under tension

- A. Crystallinity would reduce_____
- B. Dye up take would increase
- C. Barium activity number (BAN) would increase
- D. Molecular weight would increase
- E. cellulosic content to cellulosic

Choose the correct answer from the options given below :

- (1) B, C, E
- (2) A, D, E
- (3) A, D, C
- (4) C, D, E

Options :

- 92090655889. 1
- 92090655890. 2
- 92090655891. 3
- 92090655892. 4

Question Number : 73 Question Id : 92090614147 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

तनाव के तहत कपाल/सूत धागे (कॉटन यार्न) के मर्सरीकरण (मर्सरीराइजेशन) के संदर्भ में निम्नलिखित कथनों पर विचार कीजिए :

- A. क्रिस्टलता काफी कम हो जाएगी
- B. रंजक (डाइ) का उद् ग्रहण बढ़ जाएगा
- C. बेरियम सक्रियता संख्या (बेरियम एक्टिविटी नंबर (BAN) बढ़ जाएगा
- D. अणु भार बढ़ जाएगा
- E. सेलुलोस I सेलुलोस II में परिवर्तित ह जाएगा

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) B, C, E
- (2) A, D, E
- (3) A, D, C
- (4) C, D, E

Options :

92090655889. 1

92090655890. 2

92090655891. 3

92090655892. 4

Question Number : 74 Question Id : 92090614148 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Consider the following statements with respect to water jet weaving machine

- A. Water jet weaving machine required "DM" plant
- B. Rubber covered emery roller is used on take up mechanism on water jet machine
- C. Water jet machine uses rubber covered bobbins
- D. Water jet is used for weaving of cotton fabrics
- E. Water jet machine speed is comparatively less as compared to projectile weaving for same width

Choose the correct answer from the options given below :

- (1) A, B, C
- (2) B, C, D, E
- (3) C, D,
- (4) A, D, E

Options :

92090655893. 1

92090655894. 2

92090655895. 3

92090655896. 4

Question Number : 74 Question Id : 92090614148 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वाटर जेट वीविंग मशीन/जल जेट बुनाई मशीन के संदर्भ में निम्नलिखित कथनों पर विचार कीजिए :

- A. वाटर जेट वीविंग मशीन के लिए "DM" प्लांट की आवश्यकता होती है
- B. वाटर जेट मशीन की टेक-अप मैकेनिज्म में रबड़ से आवरित एमरो रोलर का उपयोग किया जाता है
- C. वाटर जेट मशीन रबड़ से आवरित टेम्पिलो का उपयोग किया जाता है।
- D. वाटर जेट का उपयोग सूती वस्त्रों की बुनाई में किया जाता है।
- E. वाटर जेट मशीन समान की चाल समान चौड़ाई की प्रोजेक्टाइल वीविंग (प्रक्षेप धुनाई) मशीन के तुलना में कम होती है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) A, B, C
- (2) B, C, D, E
- (3) C, D,
- (4) A, D, E

Options :

- 92090655893. 1
- 92090655894. 2
- 92090655895. 3
- 92090655896. 4

Question Number : 75 Question Id : 92090614149 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

The birefringence value of fiber depends upon:

- A. Degree of Orientation of molecules
- B. Degree of Polymerisation
- C. Degree of ____ of molecules
- D. ____ Print of Polymer
- E. Surface Properties of Polymer

Choose the correct answer from the options given below :

- (1) A, B, C.
- (2) A, B.
- (3) B, C, D.
- (4) D, E.

Options :

- 92090655897. 1
- 92090655898. 2
- 92090655899. 3
- 92090655900. 4

Question Number : 75 Question Id : 92090614149 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

फाइबर/तंतु का द्रोपवर्तन मान (नाइरेफ्रिजरेन्स वैल्यू) निर्भर करता है

- A. अणुओं के अमिविन्यास को मात्रा पर
- B. पोलिमराजेशन/बहुलीकरण की मात्रा पर
- C. अणुओं की असममिति की मात्रा पर
- D. पोलिमेर/बहुलक के गलनांक पर
- E. पोलिमेर/बहुलक के सतह गुणों पर

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) A, B, C
- (2) A, B
- (3) B, C, D.
- (4) D, E.

Options :

- 92090655897. 1
- 92090655898. 2
- 92090655899. 3
- 92090655900. 4

Question Number : 76 Question Id : 92090614150 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Consider the following statements with respect to false twist texturing

- A. It is thermo – machnical process
- B. There is no set twist in the false twist textured yarn
- C. The temperature in the primary heater is hopt as near glass transition temperatures
- D. Cooling zone is located beforce the friction twisting zone
- E. FDY yarn is used as raw material for draw texting process

Choose the correct answer from the options given below :

- (1) A, C, D, E is correct
- (2) A, B, C. is correct
- (3) D, E, B
- (4) C, D, E

Options :

- 92090655901. 1
- 92090655902. 2
- 92090655903. 3
- 92090655904. 4

Question Number : 76 Question Id : 92090614150 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

कूट ऐंठन संव्यूतन/फाल्स दिवस्ट टैक्सचरिंग के संदर्भ में निम्नलिखित कथनों पर विचार कीजिए

- A. यह एक ऊष्मा यांत्रिक प्रक्रिया है
- B. कूट ऐंठित संव्यूतित तंतु/फाल्स दिवस्टेड टैक्सचर्डेड यार्न में कोई सेट ऐंठन/ दिवस्ट नहीं होते है
- C. प्राथमिक हीटर में तापमान कांच संक्रमण/ग्लास ट्रांजीशन तापमान के आसपास रखा जाता है
- D. शीतल क्षेत्र घर्षण ऐंठन क्षेत्र से पहले स्थित होता है
- E. FDY यार्न/तंतु का उपयोग कर्ष संव्यूतन/ड्रॉटैक्सचरींग प्रक्रिया में अपरिष्कृत सामग्री के रूप में किया जाता है दिए गए विकल्पों में से सही को चुनिए :

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) A, C,D,E
- (2) A, B, C
- (3) D, E, B
- (4) C, D,E

Options :

- 92090655901. 1
- 92090655902. 2
- 92090655903. 3
- 92090655904. 4

Question Number : 77 Question Id : 92090614151 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

Consider the following statements with respect to tensile behavior of fibrous

- A. Primary creep is related to time _____
- B. Secondary creep is related to _____
- C. Elastic _____ is related to true instantaneous deformation
- D. Value of _____ is related to area under the _____
- E. _____ strength increases as the length of _____ increases

Choose the correct answer from the options given below :

- (1) B, C, D are correct
- (2) A, B, D, E are correct
- (3) C, D, E.
- (4) A, E. are correct

Options :

92090655905. 1

92090655906. 2

92090655907. 3

92090655908. 4

Question Number : 77 Question Id : 92090614151 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

रेशो/फाइबर के तन्त्र व्यवहार के संदर्भ में निम्नलिखित कथनों पर विचार कीजिए

- A. प्राथमिक मंद विरूपण (क्रीप) समय निर्भर नीरूपण से संबंधित है
- B. द्वितीयांक मंद विरूपण (क्रीप) स्थायी नीरूपण से संबंधित है
- C. प्रत्यास्थ विरूपण तात्कालिक नीरूपण से संबंधित है
- D. विदारण का कार्य प्रतिबल-विकृति (स्ट्रेस-स्ट्रेन) वक के तहत क्षेत्रफल से संबंधित है
- E. स्पेसीमेन की लंबाई बढ़ने से तपन सामर्थ्य बढ़ जाती है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) B, C, D
- (2) A, B, D, E
- (3) C, D, E
- (4) A, E

Options :

- 92090655905. 1
- 92090655906. 2
- 92090655907. 3
- 92090655908. 4

Question Number : 78 Question Id : 92090614152 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Select the correct statements with respect to comber.

- A. Comber is designed to remove the short fibers.
- B. Comber retains the long fiber in the sliver
- C. Backward combing process remove ___ not as compined to forward one
- D. Comber required from number of drawing passages in the sequencing
- E. Comber seperate the fiber mass in the fiber sliver

Choose the correct answer from the options given below :

- (1) A, B, C, D are correct
- (2) A, B, C D, E all are correct
- (3) Only B, C, D, E are correct
- (4) Only C, D, E are correct

Options :

- 92090655909. 1
- 92090655910. 2
- 92090655911. 3
- 92090655912. 4

Question Number : 78 Question Id : 92090614152 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

कॉम्बर (कंकित) के संदर्भ में सही कथनों को चुनिए :

- A. कॉम्बर की रचना लघु रेशों को निकालने के लिए की गई है।
- B. कॉम्बर स्लिवर (पूनी) में लंबे रेशे को बने रहने देता है।
- C. पशु कंकन प्रक्रिया अग्र कंकन की अपेक्षा अधिक गंदगी को निकालती है
- D. कॉम्बर के लिए अनुक्रमों में कर्षण पथ (ड्राइंग पैसेलस) की समसंख्या की आवश्यकता है
- E. कॉम्बर निर्मित स्लिवर में से रेशा/फाइबर द्रव्यमान को पृथक करता है

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) A, B, C, D
- (2) A, B, C, D, E
- (3) B, C, D, E
- (4) C, D, E

Options :

- 92090655909. 1
- 92090655910. 2
- 92090655911. 3
- 92090655912. 4

Question Number : 79 Question Id : 92090614153 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In the process hour a polyster cotton blender fabric are carbonise to get 100% polyster fabric however the suspenser found these material in a non fabric form and lump of polyster in found following may be

- A. Blender fabre are 67/33 of (PET)/cotton) warp possibility
- B. Blend Fabre in 58/42 where wiftin polyster wift i cotton
- C. 70% sulphwere and is used for carborizational R.T.
- D. Blender fabric are 80/20 (Polyster/cotton) worp and weft both PET/cotton
- E. 70% sulphric and is used at boiling condition

Choose the correct answer from the options given below :

- (1) B and C is correct
- (2) A and E is correct
- (3) A.and C is correct
- (4) D and E is correct

Options :

- 92090655913. 1
- 92090655914. 2
- 92090655915. 3
- 92090655916. 4

Question Number : 79 Question Id : 92090614153 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

एक प्रोसेस हाउस में पॉलीएस्टर – सूत सम्मिश्रित वस्त्र को कार्बनीकृत करके 100% पॉलीएस्टर वस्त्र प्राप्त किया गया यद्यपि सुपरवाइजर को सामग्री अवस्त्र रूप में प्राप्त हुआ और पोलिएस्टर का पिंड (लंप) मिला इसके निम्न कारण हो सकते हैं

- A. सम्मिश्रित वस्त्र/बलैंडड फैब्रिक में 67/33 (PET/कपास) का ताना और नाना उपयोग किया गया
- B. सम्मिश्रित वस्त्र में 58/42(पोलीएस्टर/कपास) है जिसमे ताना पोलिएस्टर और नापा कपाल का है
- C. R.T. के कार्बनीकरण के लिए 70% सल्फ्यूरिक अम्ल का आयोग किया गया
- D. सम्मिश्रित वस्त्र में 80/20 ((पोलीएस्टर/कपास) है, जितने ताना और नाना PET/कपास दोनों के है
- E. कवथन स्थिती में 70% सल्फ्यूरिक अम्ल का उपयोग किया गया है

सही विकल्पों को चुनिए:

- (1) B,और C
- (2) A, और E
- (3) A और C
- (4) D और E

Options :

- 92090655913. 1
- 92090655914. 2
- 92090655915. 3
- 92090655916. 4

Question Number : 80 Question Id : 92090614154 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

- Statement I : Free light feeding system in blow room and card shows minimum damage / rupter to cotton fibers.
- Statement II : free light feeding uses the clamping machanism for feeding the material which causes reduction in ruptine of cotton fibers.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

- 92090655917. 1
- 92090655918. 2
- 92090655919. 3
- 92090655920. 4

Question Number : 80 Question Id : 92090614154 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : लोरूम (धमन कक्ष) और कार्ड में फ्री फ्लाइट फीडिंग सिस्टम (मुक्त उड़डयन भरण प्रणाली) सूती धागों की द्रूनतम क्षति/विदारण को प्रदर्शित करती है

कथन II : फ्री फ्लाइट फीडिंग में क्लैम्पन क्रिया विधि का उपयोग सामग्री के भरण के लिए किया जाता है जिससे सूती धागों में विदारण कम हो जाता है

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तरका चयन कीजिए

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

- 92090655917. 1

92090655918. 2

92090655919. 3

92090655920. 4

Question Number : 81 Question Id : 92090614155 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : In air Texturing process the strength and orgation of yarn decreases due to increase in bulk which is responsible to reduce the tensile load contribution of fibers during the tensile test.

Statement II : The decrease in load contribution of fiber is because of increase in the cohesins five both the fiber.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

92090655921. 1

92090655922. 2

92090655923. 3

92090655924. 4

Question Number : 81 Question Id : 92090614155 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : वायु संव्यूतप (एयर टैक्सचरिंग) प्रक्रिया में तंतु/यार्न की सामर्थ्य और दीर्घीकरण स्थूलता में वृद्धि के कारण कम हो जाता है जो तनन परीक्षण के समय रेशों के तपप मार योगदान को कम करने के लिए जिम्मेदार है

कथन II : रेशे के भार योगदान में कमी रेशों/फाइबर्स की बीच संसंजक बल के कारण होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तरका चयन कीजिए

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090655921. 1
92090655922. 2
92090655923. 3
92090655924. 4

Question Number : 82 Question Id : 92090614156 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : Production rate of needle punching powers is high the spun banding technology.

Statement II : Needle punching uses the concept of thermal banding for developing the non-woven fabric where as spun banding required chemicals to form the band to manufacture the non-woven

In the light of the above statements, choose the correct answer from the options given below:

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

92090655925. 1

92090655926. 2

92090655927. 3

92090655928. 4

Question Number : 82 Question Id : 92090614156 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : नीडल पंचिग (सूची छेदन) प्रक्रिया की उत्पादन दर स्पन बॉन्डिंग प्रोद्योगिकी की से कम होती है

कथन II : नीडल पंचिग में लोन वोवन (बिना-बुने) वस्त्र को विस्सित करने के लिए ताप-बंधप (थर्मल बॉन्डिंग) की संकल्पना का उपयोग किया जाता है जबकि स्पन बॉन्डिंग में नोन-वोवन वस्त्र के निर्माण के लिए बंध बनाने के लिए रसायानों की आवश्यकता होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090655925. 1

92090655926. 2

92090655927. 3

92090655928. 4

Question Number : 83 Question Id : 92090614157 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : X-RD instrument used to study the crystalline properties of fibers using Bragg's law of diffraction

Statement II : The wavelength of x-ray is very small approximately equal to 10^{-10} m these rays are passing penetrated inside the fiber stream.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

- 92090655929. 1
- 92090655930. 2
- 92090655931. 3
- 92090655932. 4

Question Number : 83 Question Id : 92090614157 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : रेशो/फाइबर के क्रिस्टले गुणों का ब्रैग विवर्तन नियम के उपयोग द्वारा अध्ययन करने के लिए X-RD उपकरण का उपयोग किया जाता है

कथन II : x-ray (एक्सरे) की तरंग दैर्घ्य बहुत कम लगभग 10^{-10} m होती है, ये किरणें रेशो की बनावट के अंदर आसानी से प्रवेश कर लेती हैं

उपरोक्त कथनों के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

- 92090655929. 1
- 92090655930. 2

92090655931. 3

92090655932. 4

Question Number : 84 Question Id : 92090614158 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : yarn spun on DREF- Spinning machine is coarser than ring spun yarn because the width of spinning triangle on DREF spinning is lower as compared to ring spinning.

Statement II : Number of fibers in cross cotton of DREF spun yarn are higher than that of ring spun yarn of same spinning triangle width.

In the light of the above statements, choose the correct answer from the options given below :

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

92090655933. 1

92090655934. 2

92090655935. 3

92090655936. 4

Question Number : 84 Question Id : 92090614158 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : DREF – स्पिनिंग (कताई) मशीन पर बुना गया तंतु रिंग स्पन तंतु से अधिक मोटा होता है क्योंकि DREF – स्पिनिंग में स्पिनिंग त्रिकोण की चौड़ाई रिंग स्पिनिंग की तुलना में कम होती है

कथन II : DREF स्पन यार्न/तंतु के अनुप्रस्थ परिच्छेद में रेशों की संख्या समान स्पिनिंग त्रिकोण चौड़ाई के रिंग स्पन यार्न की तुलना में अधिक होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090655933. 1
92090655934. 2
92090655935. 3
92090655936. 4

Question Number : 85 Question Id : 92090614159 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : Polypropylene fiber is dyed using mass colouration process.

Statement II : Polypropylene is low density fiber and floats on the water.

In the light of the above statements, choose the correct answer from the options given below :

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

92090655937. 1
92090655938. 2
92090655939. 3

Question Number : 85 Question Id : 92090614159 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : पोलिप्रोपिलीन फाइबर/रेशे की रंगाई संदति रंजन (मास कलरेशन) प्रक्रिया के उपयोग से की जाती है

कथन II : पोलिप्रोपिलीन कम घनत्व का रेशा है और जल पर तैरता है

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तरका चयन कीजिए

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090655937. 1

92090655938. 2

92090655939. 3

92090655940. 4

Question Number : 86 Question Id : 92090614160 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I : tensile / mechanical strength of knitted fabric is tested on bursting strength tester because knitted fabrics are elastic in nature.

Statement II : this is because of crimp inter change effect, which is observed on tensile testing of knitted fabrics on bursting strength tester.

In the light of the above statements, choose the correct answer from the options given below :

- (1) Both Statement I and Statement II are true
- (2) Both Statement I and Statement II are false
- (3) Statement I is true but Statement II is false
- (4) Statement I is false but Statement II is true

Options :

92090655941. 1

92090655942. 2

92090655943. 3

92090655944. 4

Question Number : 86 Question Id : 92090614160 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : बुने हुए वस्त्र की तनन/यांत्रिक सामर्थ्य की जांच प्रस्कोटन (वस्टींग स्ट्रेन्थ) प्रबलता टेस्टर से की जाती है क्योंकि बुने हुए वस्त्रों की प्रकृति प्रत्यास्थ होती है

कथन II : ऐसा तरंगिलता विनिमय (किम्प इंटरचेन्ज) प्रभाव के कारण होता है जो प्रस्कोटन प्रबलता (वस्टींग स्ट्रेन्थ) टेस्टर पर बुने हुए वस्त्रों की तननता जांच के समय देखी जाती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तरका चयन कीजिए

- (1) कथन I और II दोनों सत्य हैं
- (2) कथन I और II दोनों असत्य हैं
- (3) कथन I सत्य है, लेकिन कथन II असत्य है
- (4) कथन I असत्य है, लेकिन कथन II सत्य है

Options :

92090655941. 1

92090655942. 2

92090655943. 3

92090655944. 4

Question Number : 87 Question Id : 92090614161 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I (Type of bonding)	List II (Bonding are in dyed material)
A. Coralent boning	(I) Direct -cellulose
B. Hydrogen bonding	(II) Reactive dye- cellulore
C. Solid solutiontheory	(III) Pigmant- cellulose
D. Mechanical bonding	(IV) Dispense dye-polyster

Choose the correct answer from the options given below:

- (1) A-(III), B-(II), C-(I), D-(IV)
(2) A-(I), B-(III), C-(I), D-(IV)
(3) A-(), B-(II), C-(I), D-()
(4) A-(II), B-(I), C-(IV), D-(III)

Options :

92090655945. 1

92090655946. 2

92090655947. 3

92090655948. 4

Question Number : 87 Question Id : 92090614161 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए

सूची-I (बंधन का प्रकार)	सूची -II (रंगी हुई सामग्री में बंधन होता है)
A. सहसंयोजी बंधन	(I) प्रत्यक्ष रंजक – सेलुलोस
B. हाइड्रोजन बंधन	(II) अमिक्रियाशीलरंजक – सेलुलोस
C. गेस विलयन सिद्धान्त	(III) वर्णक - सेलुलोस
D. यांत्रिक बंधन	(IV) प्रकीर्णित रंजक पोलीएस्टर

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- (1) A-(III), B-(II), C-(I), D-(IV)
- (2) A-(I), B-(III), C-(I), D-(IV)
- (3) A-(IV), B-(II), C-(I), D-(IV)
- (4) A-(II), B-(I), C-(IV), D-(III)

Options :

92090655945. 1

92090655946. 2

92090655947. 3

92090655948. 4

Question Number : 88 Question Id : 92090614162 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I	List II
(Weaving process)	(Type of element)
A. Airjet weaving	(I) Booster nozzle
B. Rapier weaving	(II) Suction nozzle
C. Gripper Shuttle Weaving	(III) Tiptransfer
D. Water jet weaving	(IV) Tortion bar

Choose the correct answer from the options given below:

- (1) A-(I), B-(IV), C-(II), D-(III)
- (2) A-(IV), B-(II), C-(I), D-(III)
- (3) A-(IV), B-(I), C-(III), D-(II)
- (4) A-(II), B-(III), C-(IV), D-(I)

Options :

- 92090655949. 1
- 92090655950. 2
- 92090655951. 3
- 92090655952. 4

Question Number : 88 Question Id : 92090614162 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए

सूची-I	सूची-II
A. एयार – जेट बुनाई	(I) बूस्टर नोज़ल
B. रेपियर बुनाई	(II) सक्शन (चूषण) नोज़ल
C. ग्रीपर – शटल बुनाई	(III) टिप ट्रांसफर/शीर्षस्थानांतरण
D. वाटर-जेट बुनाई	(IV) टोर्सन बार (ऐठन दंड)

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- (1) A-(I), B-(IV), C-(II), D-(IV)
- (2) A-(IV), B-(II), C-(I), D-(III)
- (3) A-(IV), B-(I), C-(III), D-(II)
- (4) A-(II), B-(III), C-(IV), D-(I)

Options :

92090655949. 1
92090655950. 2
92090655951. 3
92090655952. 4

**Question Number : 89 Question Id : 92090614163 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1**

Match List I with List II :

List I	List II
A. Balancing	(I) Activated carbon bed
B. Flocculation	(II) PH adjustment
C. Adsorption	(III) BOD
D. Oxygen consumption during biological decomposition	(IV) polyelectrolyte

Choose the correct answer from the options given below:

- (1) A-(IV), B-(I), C-(III), D-(II)
- (2) A-(III), B-(II), C-(IV), D-(I)
- (3) A-(II), B-(IV), C-(I), D-(III)
- (4) A-(IS), B-(III), C-(II), D-(IV)

Options :

- 92090655953. 1
- 92090655954. 2
- 92090655955. 3
- 92090655956. 4

Question Number : 89 Question Id : 92090614163 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए

सूची-I	सूची -II
A. संतुलन	(I) सक्रियित कार्बन संस्तर
B. ऊर्णन	(II) PH समायोजन
C. अधिशोषण	(III) BOD
D. जैविक विघटन के समय ऑक्सीजन उपभोग	(IV) पोलिडिलैक्टोलाइट

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

A-(IV), B-(I), C-(III), D-(II)

A-(III), B-(II), C-(IV), D-(I)

A-(II), B-(IV), C-(I), D-(III)

A-(I), B-(III), C-(II), D-(IV)

Options :

92090655953. 1

92090655954. 2

92090655955. 3

92090655956. 4

Question Number : 90 Question Id : 92090614164 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I	List II
A. To remove protruding fibre	(I) Shearing and cropping
B. To remove nature ___matter	(II) Desizing
C. To remove ntarch from greycy fabric	(III) Bleaching of cotton
D. To remove box fibre and yarn	(IV) Singeing

Choose the correct answer from the options given below:

(1) A-(II), B-(I), C-(III), D-(IV)

(2) A-(III), B-(I), C-(IV), D-(II)

(3) A-(IV), B-(III), C-(II), D-(I)

(4) A-(I), B-(II), C-(III), D-(IV)

Options :

92090655957. 1
92090655958. 2
92090655959. 3
92090655960. 4

Question Number : 90 Question Id : 92090614164 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए

सूची-I

सूची-II

- | | |
|---|--------------------------|
| A. बहिःसरित तंतु को (I) निकालता है | ऊन कटाई और अपकर्तन |
| B. प्राकृतिक रंगाई की सामग्री को निकालना | (II) विचिक्कणन |
| C. अपरिष्कृत वस्त्र से स्टार्च को निकालना | (III) कपास/सूत का विरंजन |
| D. श्लथ रेशे और तंतु (यार्न) को निकालना | (IV) झुलसाना |

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- (1) A-(II), B-(I), C-(III), D-(IV)
(2) A-(III), B-(I), C-(IV), D-(II)
(3) A-(IV), B-(III), C-(II), D-(I)
(4) A-(I), B-(II), C-(III), D-(IV)

Options :

92090655957. 1
92090655958. 2
92090655959. 3
92090655960. 4

Question Number : 91 Question Id : 92090614165 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I	List II
A. Denier	(I) Fineness
B. Twist	(II) Tenacity
C. Grams per denier	(III) gooom
D. Count	(IV) Tpi

Choose the correct answer from the options given below:

- (1) A-(III), B-(IV), C-(II), D-(I)
- (2) A-(I), B-(III), C-(IV), D-(II)
- (3) A-(IV), B-(II), C-(I), D-(III)
- (4) A-(II), B-(I), C-(III), D-(IV)

Options :

- 92090655961. 1
- 92090655962. 2
- 92090655963. 3
- 92090655964. 4

Question Number : 91 Question Id : 92090614165 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए

सूची-I	सूची-II
A. वस्त्र और तंतु की इकाइयां	(I) सूक्ष्मता
B. टिक्सट/ऐंठन	(II) दृढ़ता
C. ग्राम प्रति डेनियर	(III) गूम
D. काउन्ट	(IV) Tpi

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- (1) A-(III), B-(IV), C-(II), D-(I)
- (2) A-(I), B-(III), C-(IV), D-(II)
- (3) A-(IV), B-(II), C-(I), D-(III)
- (4) A-(II), B-(I), C-(III), D-(IV)

Options :

- 92090655961. 1
- 92090655962. 2
- 92090655963. 3
- 92090655964. 4

Question Number : 92 Question Id : 92090614166 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I	List II
A. Absorbent Finish	(I) Sports matures
B. Antistatic finish	(II) Tent cloth
C. Rot proofing finish	(III) Acrylic
D. Water repellent finish	(IV) Surgical cotton fabre

Choose the correct answer from the options given below:

- (1) A-(IV), B-(III), C-(II), D-(I)
- (2) A-(I), B-(II), C-(III), D-(IV)
- (3) A-(II), B-(IV), C-(I), D-(III)
- (4) A-(III), B-(I), C-(IV), D-(II)

Options :

- 92090655965. 1
- 92090655966. 2
- 92090655967. 3
- 92090655968. 4

Question Number : 92 Question Id : 92090614166 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए

सूची-I	सूची -II
A. अवशोषी परिसज्जा फिनिश	(I) खेल सामग्रियां
B. प्रतिस्थैटिक परिसज्जा	(II) टेन्ट का कपड़ा
C. विगलन रोधी परिसज्जा	(III) एक्रीलिक
D. जलप्रतिकरर्षो परिसज्जा	(IV) शल्य (सर्जिकल) सूतीवस्त्र

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- (1) A-(IV), B-(III), C-(II), D-(I)
- (2) A-(I), B-(II), C-(III), D-(IV)
- (3) A-(II), B-(IV), C-(I), D-(III)
- (4) A-(III), B-(I), C-(IV), D-(II)

Options :

92090655965. 1
92090655966. 2
92090655967. 3
92090655968. 4

Question Number : 93 Question Id : 92090614167 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I	List II
Nonworm Technology	Type of elements require
A. Needle punching	(I) Extruder
B. Spunlacing	(II) Compound needle
C. Sbtch bonding	(III) Water jet
D. Spun bonding	(IV) Stripper plate

Choose the correct answer from the options given below:

- (1) A-(I), B-(II), C-(III), D-(IV)
- (2) A-(IV), B-(III), C-(II), D-(I)
- (3) A-(III), B-(IV), C-(I), D-(II)
- (4) A-(II), B-(I), C-(III), D-(IV)

Options :

92090655969. 1

92090655970. 2

92090655971. 3

92090655972. 4

Question Number : 93 Question Id : 92090614167 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए

सूची-I (प्रोद्यौगिकी)	सूची -II (आवश्यक अवयव)
A. सूची बंधन/ नडिल पंचिंग	(I) एक्सट्रूडर (Extruder)
B. स्पनलेसिंग	(II) संयुक्त सूची/कंपाउन्ड नीडल
C. स्टिच बॉन्डिंग	(III) वाटर जेट
D. स्पन बॉन्डिंग	(IV) स्ट्रिपर (विपटटक)

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

- (1) A-(I), B-(II), C-(III), D-(IV)
- (2) A-(IV), B-(III), C-(II), D-(I)
- (3) A-(III), B-(IV), C-(I), D-(II)
- (4) A-(II), B-(I), C-(III), D-(IV)

Options :

92090655969. 1
92090655970. 2
92090655971. 3
92090655972. 4

**Question Number : 94 Question Id : 92090614168 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1**

In order to get stable fabric correct to fashion garment following process are adopted in textile industry

- A. Polyester material is given dimensional stability by heat setting treatment at 180-210°C.
- B. 100% cotton fabric is given sanforizing treatment to get dimensionally stable nature
- C. Wool natural is given crabbing treatment to get dimensionally stable fabric
- D. 100% cotton/ zero zero shrunk to get dimensionally stable
- E. viscose material is given heat setting treatment at 50 to 60°C

Choose the correct answer from the options given below :

- (1) A, B, C, D only
- (2) B, C, D, E only
- (3) A, C, D, E only
- (4) A, D, E only

Options :

- 92090655973. 1
- 92090655974. 2
- 92090655975. 3
- 92090655976. 4

Question Number : 94 Question Id : 92090614168 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वस्त्र उद्योग में किसी वस्त्र को फैशन परिधान में परिवर्तित करने के लिए निम्नलिखित प्रक्रिया को अपनाया जाता है :

- A. पोलीएस्टर सामग्री को विर्मायुस्थायित्व $180-210^{\circ}\text{C}$ पर तापस्थिरण उपचार द्वारा दिया जाता है
- B. 100% सूती वस्त्र से विमीय स्थिर सामग्री प्राप्त करने के लिए सेन्फोराइजिंग उपचार दिया जाता है
- C. ऊनी वस्त्र से विमीय स्थिर वस्त्र प्राप्त करने के लिए क्रैबन उपचार दिया जाता है
- D. 100% सूती वस्त्र को शून्य सिकुड़न उपचार से उसमें विमीय स्थायित्व प्राप्त होता है
- E. विस्कोस सामग्री को $50-60^{\circ}$ पर ताप-स्थिरण उपचार दिया जाता है

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल A, B, C, D
- (2) केवल B, C, D, E
- (3) केवल A, C, D, E
- (4) केवल A, D, E

Options :

- 92090655973. 1
- 92090655974. 2
- 92090655975. 3
- 92090655976. 4

Question Number : 95 Question Id : 92090614169 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Correct Marks : 4 Wrong Marks : 1

Consider the following statements to the respect to draw frame

- A. Draw from open the fiber mass and clean the impurity within it
- B. Draw frame gives attribution treatment and improve the orientation of fiber
- C. Draw frame impure the evenness of the silver without changing the hank
- D. Draw frame given parallal wound packeges
- E. Draw frame required minimum one pair of roller

Choose the correct answer from the options given below :

- (1) A, B only
- (2) C, B only
- (3) A, C, D only
- (4) A, D, E only

Options :

92090655977. 1

92090655978. 2

92090655979. 3

92090655980. 4

**Question Number : 95 Question Id : 92090614169 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

ड्रो फ्रेम (कर्ष फ्रेम) के संदर्भ में निम्नलिखित कथनों पर विचार कीजिए :

- A. ड्रो फ्रेम रेशा स्थूलता को खोलकर अंदर की अशुद्धि को दूर करता है
- B. ड्रो फ्रेम क्षीणन उपचार देता है और रेशे के अभिक्रियाण को बेहतर बनाना है
- C. ड्रो फ्रेम लच्छी (हैंक) को परिवर्तित किए बगैर स्लिवर (पूर्णा) की एकरूपता को बेहतर बनाता है
- D. ड्रो फ्रेम समैतर बुने पैकेज देता है
- E. ड्रो फ्रेम के लिए कम से कम रोलर के एक जोड़े की आवश्यकता होती है

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल A, B,
- (2) केवल C, B,
- (3) केवल A,C, D,
- (4) केवल A,D, E

Options :

- 92090655977. 1
- 92090655978. 2
- 92090655979. 3
- 92090655980. 4

Question Number : 96 Question Id : 92090614170 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Consider the following statements with respect to the properties of different fabric structure.

- A. Plain weave shows more number of touching points and shows into tensile strength
- B. Twill weave has more floats as compared to satin fabric
- C. sateen is warp way weaving and shows high tensile strength
- D. plain weaves shows diagonal line across the width of fabric
- E. satin fabric shows more softness compared to plain woven fabric

Choose the correct answer from the options given below :

- (1) A, D only
- (2) A, B, C only
- (3) B, D, E only
- (4) C, D only

Options :

92090655981. 1

92090655982. 2

92090655983. 3

92090655984. 4

Question Number : 96 Question Id : 92090614170 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वस्त्र बुनावट के भिन्न गुणों के संदर्भ में निम्नलिखित कथनों पर विचार कीजिए :

- A. सादा क्थन(बुनाई) में अधिक संख्या में लॉकिंग पॉइन्ट (अभिबंधन बिंदु) होते हैं और ये अधिक तन्त्र सामर्थ्य प्रदर्शित करती है।
- B. टूवील क्थन (बुनाई) में साटन वस्त्र की तुलना में अधिक फ्लोट होते हैं।
- C. सेटीन ताने की बुनाई है और उच्च तनन सामर्थ्य प्रदर्शित करती है
- D. सादा क्थन (बुनाई) वस्त्र की पूरी चौड़ाई में विकर्ण रेखा प्रदर्शित करता है
- E. साटन के वस्त्र सादा बुने वस्त्र की तुलना में अधिक मृदुता दर्शाते हैं

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल A, D
- (2) केवल A, B, C
- (3) केवल B, D, E
- (4) केवल C, D

Options :

- 92090655981. 1
- 92090655982. 2
- 92090655983. 3
- 92090655984. 4

Question Number : 97 Question Id : 92090614171 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

With respect to get quality white discharge printing follow points are in consideration

- A. Polyester fabric should be given mild xonry and heat setting process
- B. Dispare dye of azo type should be used as ground shade
- C. Dispere dye of anthrequilone based should be used as ground cloth
- D. safoline (zinc sulphonylali formaldehyde) is used as discharging agent with optical bright treatment
- E. pad with ground colour- dry – print with safoline and thermofrxaja at 175-180°C 30-60 sec dwell time to be adopted

Choose the correct answer from the options given below :

- (1) A, B, C Only
- (2) A, B, C, E Only
- (3) A, B, D, E Only
- (4) C, D, E Only

Options :

- 92090655985. 1
- 92090655986. 2
- 92090655987. 3
- 92090655988. 4

Question Number : 97 Question Id : 92090614171 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

अच्छी गुणवत्ता की विरंजन छपाई प्राप्त करने के लिए निम्नलिखित बिंदुओं पर विचार किया जाता है

- A. पोलीएस्टर वस्त्र को मृदु अपमार्जीन और ताप स्थिरण प्रक्रिया दी जानी चाहिए
- B. एजो प्रकार के परिक्षिप्त रंजको का तलस्थ/ग्राउन्ड रोड के रूप में प्रयोग करना चाहिए
- C. एन्थ्रेक्वीलोन आधारित प्रक्षिप्त रंजको का उपयोग तलस्थ रंग के रूप में करना चाहिए
- D. सैफोलिन (जिंक सल्फोक्सीलेट फोर्मेल्डहाइड) का उपयोग
- E. सैफोलिन से तलस्थ रंग-शुष्क- छपाई वाले पैड और 175-180°C पर तापस्थिरण, 30-60 सैकिन्ड की वास अवधि (ड्रेवल टाइम) को अपनाना चाहिए

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल A, B, C
- (2) केवल A, B, C, E
- (3) केवल A, B, D, E
- (4) केवल C, D, E

Options :

- 92090655985. 1
- 92090655986. 2
- 92090655987. 3
- 92090655988. 4

Question Number : 98 Question Id : 92090614172 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

With respect to silk and wool fibers following statement are described in order to use it in chemical processing

- A. Silk is highly sensitive to alkals while wool is not
- B. Silk is smooth while wool has scales on the surface
- C. Silk is mostly compound of a few amino ___ while wool has many more
- D. Silk has higher crystallinity
- E. Silk is dyed with disperse dye and wool is dyed with speual dispose dyes of ago___

Choose the correct answer from the options given below :

- (1) B, C, D Only
- (2) A, B, E Only
- (3) A, D, E Only
- (4) A, E, C Only

Options :

- 92090655989. 1
- 92090655990. 2
- 92090655991. 3
- 92090655992. 4

Question Number : 98 Question Id : 92090614172 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

रेशम और ऊन रेशो के संदर्भ में निम्नलिखित कथनों को उनके रासायनिक प्रसंस्करण में उपयोग के क्रम में वर्णित किया गया है :

- A. रेशम क्षाराकों के लिए अत्यधिक संवेदनशील होता है जबकी ऊन नहीं है ।
- B. रेशम चिकना होता है जबकि ऊन की सतह पर शल्क/स्केल होते है
- C. रेशम मुखता कुछ ऐमीनो अम्लो का बना होता है जबकि ऊन में अनेक होते है
- D. रेशम में अधिक क्रिस्टलीयता होती है
- E. रेशम की परिक्षिप्त रंजक (डिस्पर्स डाइ) से रंगाई की जाता है और ऊन की ऐजो आधारित विशेष परिक्षिप्त रंजको से रंगाई की जाती है

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल B, C, D
- (2) केवल A, B, E
- (3) केवल A, D, E
- (4) केवल A, E, C

Options :

- 92090655989. 1
- 92090655990. 2
- 92090655991. 3
- 92090655992. 4

Question Number : 99 Question Id : 92090614173 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

Consider the following statement with respect to bio- polishing of ____

- A. Bio-polishing uses the ____ in the process
- B. Strength of bio-polished fabric is low compared to conventional stone wash treatment
- C. Of bio-polished denim is harsh as compared to stone washed fabrics
- D. Bio polishing is an ecofriendly process
- E. Biopolishing treatment required pH stabilizer

Choose the correct answer from the options given below :

- (1) A, D Only
- (2) A, B, E Only
- (3) A, C, D Only
- (4) D, E, Only

Options :

- 92090655993. 1
- 92090655994. 2
- 92090655995. 3
- 92090655996. 4

Question Number : 99 Question Id : 92090614173 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Correct Marks : 4 Wrong Marks : 1

डेनिम् की जैव-पॉलिशिंग के संदर्भ में निम्नलिखित कथनों पर विचार कीजिए:

- A. बाँयो-पॉलिशिंग/जैव पॉलिशिंग की प्रक्रिया में एनाइजों का उपयोग किया जाता है
- B. बायोपॉलिशड वस्त्र जी सामर्थ्य पारंपरिक स्टोन वाशड वस्त्रों की तुलना में कम होती है
- C. Of bio-polyshed deinum is harsh as compaired to stone washed fabrics
- D. बाँयो-पॉलिशिंग एक पर्यावरण रक्षी प्रक्रिया है
- E. बायोपॉलिशिंग उपचार के लिए pH स्थिरक/स्टेवलाइजर की आवश्यकता होती है

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल A, D
- (2) केवल A, B, E
- (3) केवल A, C, D
- (4) केवल D, E,

Options :

- 92090655993. 1
- 92090655994. 2
- 92090655995. 3
- 92090655996. 4

Question Number : 100 Question Id : 92090614174 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

1007- Cotton RED fabric having following characteristics to be accepted in market.

- A. No 1005 thread on fabric surface
- B. fabric have standard absorption class than 3 sec.
- C. dimensional stability as per standards
- D. No-width to width variation in fabric
- E. sizing impurity on fabric since it is dosed with standard norms

Choose the correct answer from the options given below :

- (1) A, B, C, D, E Only
- (2) A, B, D Only
- (3) B, D, E Only
- (4) C, D, B Only

Options :

92090655997. 1

92090655998. 2

92090655999. 3

92090656000. 4

Question Number : 100 Question Id : 92090614174 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

बाजार में 100% कॉटन रेड वस्त्र जिसमें निम्नलिखित गुण हों को स्वीकृत किया जाता है :

- A. वस्त्र की सतह पर कोई श्लथ धागे नहीं हो
- B. वस्त्र का मानक अवशोषण (3 सैकिन्ड से कम)
- C. मानको के अनुसार विमीय स्थायित्व हो
- D. वस्त्र में कोई चौड़ाई की भिन्नता नहीं हो
- E. sizing impurity on fabric since it is dosized with standard norms

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- (1) केवल A, B, C, D, E
- (2) केवल A, B, D
- (3) केवल B, D, E
- (4) केवल C, D, B

Options :

- 92090655997. 1
- 92090655998. 2
- 92090655999. 3
- 92090656000. 4

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