

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	09/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 Select the most appropriate ANTONYM of the given word.

COMPLETE

- Ans
- ☒ 1. plentiful
 - ☒ 2. bulky
 - ☒ 3. partial
 - ☒ 4. vacant

Question ID : 6549788660

Status : Answered

Chosen Option : 3

Q.2 Select the most appropriate word to fill in the blank.

The prisoner was very upset and angry and there was _____ in her voice.

- Ans
- ☒ 1. bitterness
 - ☒ 2. thickness
 - ☒ 3. stillness
 - ☒ 4. eagerness

Question ID : 6549788670

Status : Answered

Chosen Option : 1

Q.3 In the given sentence, identify the segment which contains a grammatical error.

We've decided to spend our time play online games as we will not go out on a vacation this year.

- Ans
- ☒ 1. not go out
 - ☒ 2. play online games
 - ☒ 3. to spend our time
 - ☒ 4. we've decided

Question ID : 6549788648

Status : Answered

Chosen Option : 1

Q.4 Select the **INCORRECTLY** spelt word.

- Ans
-  1. converse
 -  2. convert
 -  3. convean
 -  4. convent

Question ID : 6549786745

Status : Answered

Chosen Option : 3

Q.5 Select the option which means the same as the group of words given.

One who cannot be reformed or changed

- Ans
-  1. invincible
 -  2. infallible
 -  3. incorrigible
 -  4. indelible

Question ID : 6549786747

Status : Answered

Chosen Option : 3

Q.6 Given below are four jumbled sentences. Out of the given options, select the one that gives their correct order.

- A. It becomes evident from their stories that their desire to succeed became their driving force, their purpose in life.
- B. We read many stories of people who overcame serious disabilities.
- C. This is what made a paralytic, Wilma Rudolf, win three gold medals on the track in the 1960 Olympics.
- D. They wanted to prove to themselves that they could do it in spite of all odds - and they did it.

- Ans
-  1. BADC
 -  2. ACBD
 -  3. ADBC
 -  4. BCDA

Question ID : 6549788656

Status : Answered

Chosen Option : 1

Q.7 Select the word which means the same as the group of words given.

A person who pretends to have morals and beliefs that he or she doesn't believe in

- Ans
-  1. communal
 -  2. versatile
 -  3. hypocrite
 -  4. radical

Question ID : 6549788667

Status : Answered

Chosen Option : 3

Q.8 Select the correct passive form of the given sentence.

We mow the lawn once every month.

- Ans
- ☒ 1. The lawn was mowed once every month.
 - ☒ 2. The lawn has been mowed once every month.
 - ☒ 3. The lawn is mowed once every month.
 - ☒ 4. The lawn will be mowed once every month.

Question ID : 6549786727
Status : Answered
Chosen Option : 3

Q.9 Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. They were covered with mud from head to foot.
- B. Two men were fighting, crying out and cursing, at the bottom of the ditch.
- C. "Stop that!" shouted the sergeant.
- D. Three or four soldiers, holding torches, were standing around a ditch.

- Ans
- ☒ 1. DCBA
 - ☒ 2. BDAC
 - ☒ 3. DBAC
 - ☒ 4. BACD

Question ID : 6549786738
Status : Answered
Chosen Option : 4

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

Ashoka was one of the greater king of India.

- Ans
- ☒ 1. the more great kings
 - ☒ 2. the greater kings
 - ☒ 3. No substitution
 - ☒ 4. the greatest kings

Question ID : 6549786739
Status : Answered
Chosen Option : 4

Q.11 Select the most appropriate ANTONYM of the given word.

NONDESCRIPT

- Ans
- ☒ 1. distinguished
 - ☒ 2. ordinary
 - ☒ 3. vague
 - ☒ 4. common

Question ID : 6549786742
Status : Answered
Chosen Option : 3

Q.12 Select the most appropriate meaning of the given idiom.

A blessing in disguise

- Ans ☒ 1. something good that isn't recognised at first
- ☐ 2. someone who comes disguised
- ☐ 3. a person who blesses others quietly
- ☐ 4. an event that is unknown

Question ID : 6549788662
Status : Answered
Chosen Option : 1

Q.13 Select the correct indirect form of the given sentence.

The supervisor said to the staff, "Make sure that every room is disinfected properly."

- Ans ☐ 1. The supervisor instructed the staff to make sure that every room had been disinfected properly.
- ☐ 2. The supervisor instructed the staff to make sure that every room was being disinfected properly.
- ☐ 3. The supervisor instructs the staff to make sure that every room is disinfected properly.
- ☒ 4. The supervisor instructed the staff to make sure that every room was disinfected properly.

Question ID : 6549788647
Status : Answered
Chosen Option : 4

Q.14 Select the most appropriate meaning of the given idiom.

Needle in a haystack

- Ans ☐ 1. Someone having vast opportunities
- ☐ 2. Someone in trouble
- ☒ 3. Something impossible to find
- ☐ 4. Something very trivial

Question ID : 6549786744
Status : Answered
Chosen Option : 3

Q.15 Select the most appropriate synonym of the given word.

COMPLICATED

- Ans ☐ 1. painful
- ☒ 2. complex
- ☐ 3. simplified
- ☐ 4. plain

Question ID : 6549788668
Status : Answered
Chosen Option : 3

Q.16 In the given sentence, identify the segment which contains the grammatical error.

Amphan, the more severe cyclone in the Bay of Bengal since the super cyclone of 1999, made landfall in the afternoon on Wednesday.

- Ans
- ☒ 1. since the super cyclone
 - ☒ 2. the more severe cyclone
 - ☒ 3. in the afternoon
 - ☒ 4. made landfall

Question ID : 6549786730

Status : Answered

Chosen Option : 2

Q.17 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. collide
 - ☒ 2. conscious
 - ☒ 3. existence
 - ☒ 4. grammer

Question ID : 6549788665

Status : Answered

Chosen Option : 4

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

Just like a spider that spins its own web and later destroys it, human beings can also destroy the web of desires that engulfs it.

- Ans
- ☒ 1. engulfs them
 - ☒ 2. engulfing it
 - ☒ 3. engulf it
 - ☒ 4. No substitution

Question ID : 6549788659

Status : Answered

Chosen Option : 1

Q.19 Select the most appropriate synonym of the given word.

DELECTABLE

- Ans
- ☒ 1. luscious
 - ☒ 2. horrible
 - ☒ 3. unpleasant
 - ☒ 4. offensive

Question ID : 6549786750

Status : Answered

Chosen Option : 1

Q.20 Select the most appropriate option to fill in the blank.

With a lot of difficulty, he could _____ only two tickets for the train from Mumbai to Ranchi.

- Ans  1. procure
 2. gain
 3. incur
 4. attain

Question ID : 6549786752
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2) _____ not surprising given the fact that their study material (3) _____ comic books and they use their textbooks for (4) _____ to put things into perspective. Besides, students are (5) _____ to tap other sources of information as well.

SubQuestion No : 21

Q.21 Select the most appropriate option for blank no. 1.

- Ans  1. her
 2. their
 3. them
 4. our

Question ID : 6549786732
Status : Answered
Chosen Option : 2

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2) _____ not surprising given the fact that their study material (3) _____ comic books and they use their textbooks for (4) _____ to put things into perspective. Besides, students are (5) _____ to tap other sources of information as well.

SubQuestion No : 22

Q.22 Select the most appropriate option for blank no. 2.

- Ans  1. were
 2. was
 3. are
 4. is

Question ID : 6549786733
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2)_____ not surprising given the fact that their study material (3)_____ comic books and they use their textbooks for (4)_____ to put things into perspective. Besides, students are (5)_____ to tap other sources of information as well.

SubQuestion No : 23

Q.23 Select the most appropriate option for blank no. 3.

- Ans  1. is including
 2. includes
 3. include
 4. has included

Question ID : **6549786734**

Status : **Answered**

Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2)_____ not surprising given the fact that their study material (3)_____ comic books and they use their textbooks for (4)_____ to put things into perspective. Besides, students are (5)_____ to tap other sources of information as well.

SubQuestion No : 24

Q.24 Select the most appropriate option for blank no. 4.

- Ans  1. suggestion
 2. reference
 3. practice
 4. indication

Question ID : **6549786735**

Status : **Not Answered**

Chosen Option : --

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Students in the sixth grade of a certain school in Navi Mumbai love (1)_____ History lessons, thanks to a novel teaching aid. It (2)_____ not surprising given the fact that their study material (3)_____ comic books and they use their textbooks for (4)_____ to put things into perspective. Besides, students are (5)_____ to tap other sources of information as well.

SubQuestion No : 25

Q.25 Select the most appropriate option for blank no. 5.

- Ans  1. boosted
 2. encouraged
 3. heartened
 4. cheered

Question ID : 6549786736

Status : Answered

Chosen Option : 3

Section : General Intelligence

Q.1 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Bread : Wheat

- Ans  1. Sauce : Tomato
 2. Meal : Flour
 3. Book : Library
 4. Zoo : Animal

Question ID : 6549788686

Status : Answered

Chosen Option : 1

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some magicians are psychologists.

All psychologists are tourists.

Conclusions:

I. All tourists are psychologists.

II. All magicians are tourists.

- Ans  1. Both conclusions I and II follow
 2. Only conclusion I follows
 3. Only conclusion II follows
 4. Neither conclusion I nor II follows

Question ID : 6549786770

Status : Answered

Chosen Option : 4

Q.3 किसी महिला की ओर इशारा करते हुए, राज ने कहा, "वह मेरी माँ के ससुर के भाई की इकलौती बेटी है"। महिला का राज से क्या संबंध है?

- Ans
- ☒ 1. भाभी
 - ☒ 2. बुआ
 - ☒ 3. चचेरी बहन
 - ☒ 4. बहन

Question ID : 6549789802

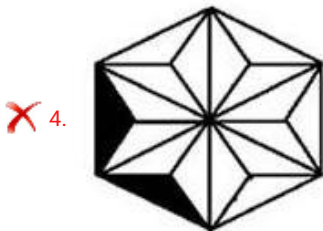
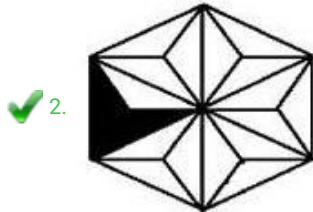
Status : Answered

Chosen Option : 2

Q.4 Select the figure that will come next in the following figure series.



Ans



Question ID : 6549788691

Status : Answered

Chosen Option : 2

Q.5 निम्न शब्दों को तार्किक और अर्थपूर्ण क्रम में व्यवस्थित करें।

1. योजना (Plan)
2. खरीदारी (Shop)
3. मॉल (Mall)
4. गाड़ी चलाना (Drive)
5. वापस आना (Return)

Ans  1. 1, 4, 3, 2, 5

 2. 3, 4, 5, 2, 1

 3. 1, 4, 2, 5, 3

 4. 4, 5, 1, 2, 3

Question ID : 6549788679

Status : Answered

Chosen Option : 1

Q.6 Select the option that is related to the third term in the same way as the second term is related to the first term.

RIGHT : UGKKR :: CHAOS : ?

Ans  1. FQREF

 2. FEFQR

 3. FREFQ

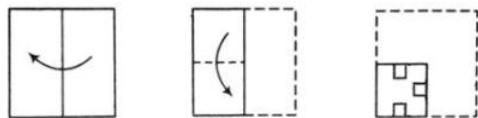
 4. FFERQ

Question ID : 6549786763

Status : Answered

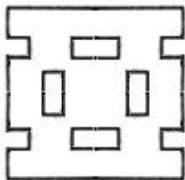
Chosen Option : 4

Q.7 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

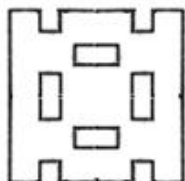


Ans

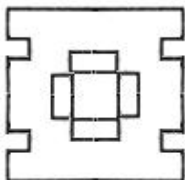
✗ 1.



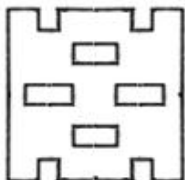
✓ 2.



✗ 3.



✗ 4.



Question ID : 6549786775

Status : Answered

Chosen Option : 2

Q.8 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

GOVERNMENT
P
|
Q

Ans

✓ 1.

GOVERNMENT

✗ 2.

GOVERNMENT

✗ 3.

GOVERNMENT

✗ 4.

GOVERNMENT

Question ID : 6549786776

Status : Answered

Chosen Option : 1

Q.9 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$7 * 96 * 8 * 39 * 25 = 70$$

- Ans
- ☒ 1. $\times, -, \div, +$
 - ☒ 2. $\times, \div, -, +$
 - ☒ 3. $+, \div, -, \times$
 - ☒ 4. $-, \times, \div, +$

Question ID : 6549786754

Status : Answered

Chosen Option : 2

Q.10 Five of the following six numbers are alike in a certain way and one is different. Select the number that is different from the rest.

8, 24, 125, 343, 1331, 2197

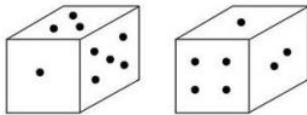
- Ans
- ☒ 1. 2197
 - ☒ 2. 1331
 - ☒ 3. 24
 - ☒ 4. 125

Question ID : 6549788678

Status : Answered

Chosen Option : 3

Q.11 Two different positions of the same dice are given below. How many dots will be on the face opposite to the face having 1 dot?



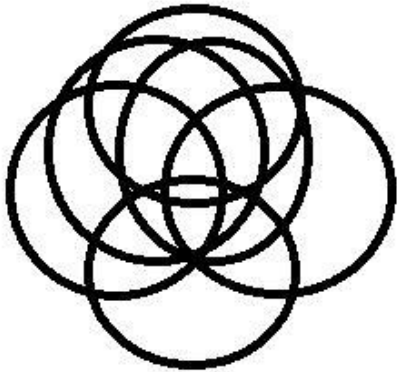
- Ans
- ☒ 1. 6
 - ☒ 2. 2
 - ☒ 3. 5
 - ☒ 4. 4

Question ID : 6549788690

Status : Answered

Chosen Option : 1

Q.12 Find the number of circles in the following figure.



Ans

✓ 1. 6

✗ 2. 8

✗ 3. 10

✗ 4. 11

Question ID : 6549788692

Status : Answered

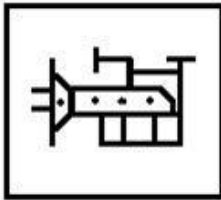
Chosen Option : 1

Q.13 Select the option in which the given figure is embedded (rotation is NOT allowed).

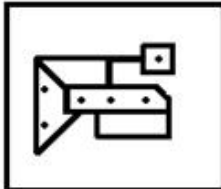


Ans

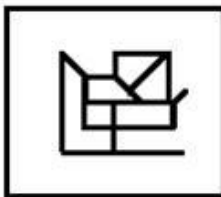
✓ 1.



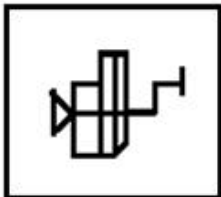
✗ 2.



✗ 3.



✗ 4.



Question ID : 6549786774

Status : Answered

Chosen Option : 2

Q.14 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(3, 3, 11)

Ans ✗ 1. (4, 5, 18)

✗ 2. (5, 8, 26)

✓ 3. (7, 11, 35)

✗ 4. (6, 15, 47)

Question ID : 6549786756

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.15 Three of the following four number triads are alike in a certain way and one is different.
Select the one that is different.

- Ans  1. (3, 6, 9)
-  2. (2, 4, 8)
-  3. (1, 2, 1)
-  4. (4, 8, 16)

Question ID : 6549788676

Status : Answered

Chosen Option : 3

Q.16 Select the option that is related to the third word in the same way as the second word is related to the first word.

Dolphins : Click : : Jackals : ?

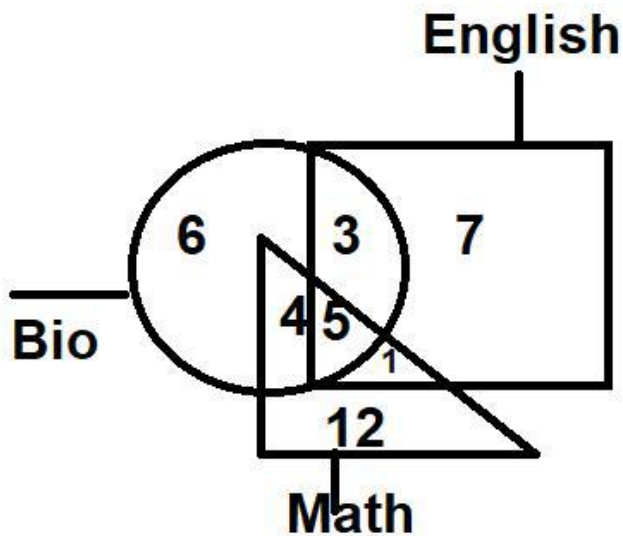
- Ans  1. Bleat
-  2. Scream
-  3. Squeak
-  4. Howl

Question ID : 6549786764

Status : Answered

Chosen Option : 1

Q.17 Observe the following diagram and answer the question that follows.



Find the number of students who study two or more subjects.

- Ans
- ☐ 1. 9
 - ☒ 2. 13
 - ☐ 3. 7
 - ☐ 4. 5

Question ID : 6549788696

Status : Answered

Chosen Option : 2

Q.18 In a certain code language, VIRTUE is written as XCBYAN. How will MODEST be written in that language?

- Ans
- ☐ 1. IJNYYS
 - ☐ 2. JISYNY
 - ☐ 3. INYJYS
 - ☒ 4. JISNYY

Question ID : 6549786761

Status : Not Answered

Chosen Option : --

Q.19 If in a code language, DISK is coded as 65 and WIRE is coded as 53, then how will you code CELL?

- Ans
- ☐ 1. 46
 - ☐ 2. 32
 - ☒ 3. 76
 - ☐ 4. 82

Question ID : 6549788681

Status : Answered

Chosen Option : 3

Q.20 Select the option that is related to the third number in the same way as the second number is related to the first number.

27 : 702 :: 12 : ?

- Ans
- ☒ 1. 402
 - ☒ 2. 103
 - ☒ 3. 341
 - ☒ 4. 132

Question ID : 6549788674

Status : Answered

Chosen Option : 4

Q.21 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 9, 16, 31, 60, 119, ?

- Ans
- ☒ 1. 436
 - ☒ 2. 326
 - ☒ 3. 236
 - ☒ 4. 346

Question ID : 6549786758

Status : Answered

Chosen Option : 3

Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

k l _ p n _ k l m p _ b _ l m _ n b k _ m p n b

- Ans
- ☒ 1. m, n, b, p, k, l
 - ☒ 2. k, l, m, n, b, p
 - ☒ 3. m, b, n, k, p, l
 - ☒ 4. n, m, b, l, p, k

Question ID : 6549787876

Status : Answered

Chosen Option : 3

Q.23 Rohit is three times the age of his son Rishabh. Five years ago, he was four times older than Rishabh. What is Rohit's age at present?

- Ans
- ☒ 1. 45 years
 - ☒ 2. 60 years
 - ☒ 3. 30 years
 - ☒ 4. 15 years

Question ID : 6549788672

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.24 Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.

- Ans  1. ULO
 2. ILO
 3. ENO
 4. UOD

Question ID : 6549788687

Status : Not Answered

Chosen Option : --

Q.25 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

- Ans  1. Horde
 2. Piglet
 3. Ambush
 4. Herd

Question ID : 6549786769

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 For what value of θ (in degrees) is the following equation true?

$$\sin 3\theta \cos \theta - \cos 3\theta \sin \theta = \frac{1}{2}, 0 < \theta < \frac{\pi}{2}$$

- Ans  1. 45
 2. 30
 3. 60
 4. 15

Question ID : 6549786798

Status : Not Answered

Chosen Option : --

Q.2 If $a^2 + b^2 + c^2 = 576$ and $(ab + bc + ca) = 50$, then what is the value of $(a + b + c)$, if $(a + b + c) < 0$?

- Ans  1. ± 26
 2. -24
 3. -26
 4. ± 24

Question ID : 6549786793

Status : Answered

Chosen Option : 1

Q.3 A ₹900 में एक वस्तु खरीदकर 25% के लाभ पर B को बेचता है। B इसे C को बेचता है, जो इसे 10% की हानि पर ₹1,350 में बेचता है। B का लाभ प्रतिशत (निकटतम पूर्णांक तक) क्या होगा?

- Ans
- ☒ 1. 33
 - ☐ 2. 30
 - ☐ 3. 35
 - ☐ 4. 34

Question ID : 6549786784

Status : Not Answered

Chosen Option : --

Q.4 The list price of coconut oil is 15% more than its cost price. At what per cent less should it be sold for no profit and no loss?

- Ans
- ☐ 1. $13\frac{3}{23}\%$
 - ☒ 2. $13\frac{1}{23}\%$
 - ☐ 3. $13\frac{2}{23}\%$
 - ☐ 4. $13\frac{4}{23}\%$

Question ID : 6549788702

Status : Answered

Chosen Option : 2

Q.5 Study the given bar graphs and answer the question that follows.

The bar graphs represent the amount invested in raw materials (in ₹ crore) and the sale of the products, by a textile company in the years 2007– 2012. The X-axis represents the years. The Y-axis represents the amount invested in raw materials (in ₹ crore) in figure 1 and sale of products in figure 2, respectively.

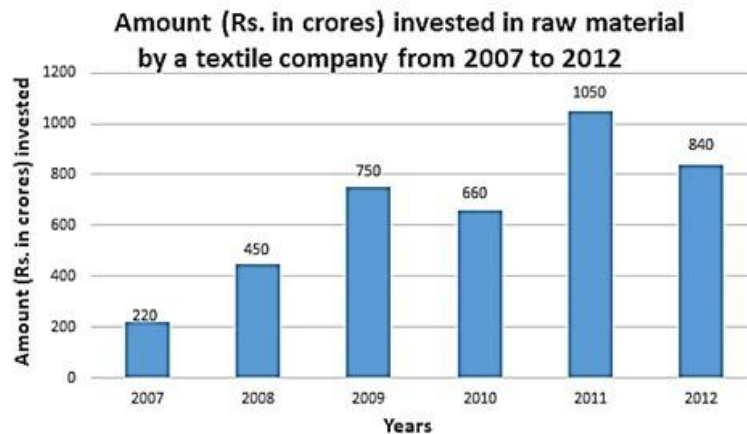


Figure 1

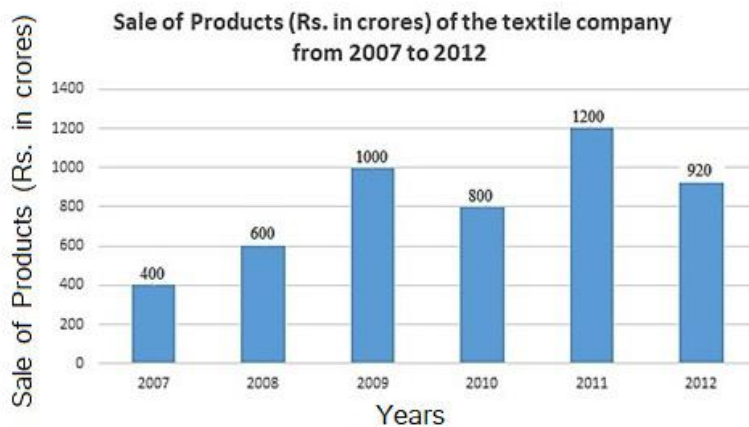


Figure 2

In which two years was the difference of the amount invested and the sales of products the same?

- Ans
- ☒ 1. 2009 and 2012
 - ☒ 2. 2010 and 2011
 - ☒ 3. 2007 and 2009
 - ☒ 4. 2008 and 2011

Question ID : 6549786799
Status : Answered
Chosen Option : 2

Q.6 The value of

$$28 \div [25 + 8 \div 4 - \{25 + (25 \text{ of } 8 \div 20) - (125 \div 5 \text{ of } 25)\}] + (25 \times 5) \text{ is:}$$

- Ans
- ☒ 1. 129
 - ☒ 2. -121
 - ☒ 3. -4
 - ☒ 4. 121

Question ID : 6549786795

Status : Not Answered

Chosen Option : --

Q.7

If $\left(2x + \frac{1}{2x}\right) = 5$, then what is the value of $\left(8x^3 + \frac{1}{8x^3}\right)$?

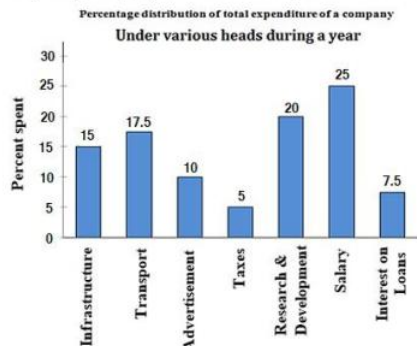
- Ans
- ☒ 1. 110
 - ☒ 2. 120
 - ☒ 3. 100
 - ☒ 4. 125

Question ID : 6549786792

Status : Answered

Chosen Option : 2

Q.8 Study the given graph and answer the question that follows.



What is the ratio of the total expenditure on Infrastructure and Transport to the total expenditure on Taxes and Interest on Loans?

- Ans
- ☒ 1. 13 : 5
 - ☒ 2. 13 : 6
 - ☒ 3. 13 : 7
 - ☒ 4. 13 : 8

Question ID : 6549788315

Status : Answered

Chosen Option : 1

Q.9 A can complete one-sixth of a work in 5 days and B can complete one-fourth of the same work in 15 days. In how many days, will both working together complete the work?

- Ans**
- ☒ 1. 20 days
 - ☐ 2. 10 days
 - ☐ 3. 25 days
 - ☐ 4. 12 days

Question ID : 6549786778

Status : Answered

Chosen Option : 1

Q.10 Chords AB and CD of a circle intersect externally at P. If AB = 8.8 cm, PB = 7.2 cm, PD = 6.4 cm, then CD is equal to:

- Ans**
- ☐ 1. 10.8 cm
 - ☐ 2. 10.6 cm
 - ☐ 3. 11.4 cm
 - ☒ 4. 11.6 cm

Question ID : 6549786788

Status : Not Answered

Chosen Option : --

Q.11 The total surface area of a solid cube is 4.86 m^2 . It is melted and recast into a right circular cylinder of radius 0.3 m.

What is the height (in m) of the cylinder (correct to one decimal place)? Take $\pi = \frac{22}{7}$.

- Ans**
- ☐ 1. 1.8
 - ☒ 2. 2.6
 - ☐ 3. 2.8
 - ☐ 4. 3.5

Question ID : 6549786780

Status : Not Answered

Chosen Option : --

Q.12 In what time will a sum of ₹1,25,000 amount to ₹1,48,877 at 12% per annum, if interest is being compounded half-yearly?

- Ans**
- ☒ 1. $1\frac{1}{2}$ year
 - ☐ 2. $2\frac{1}{2}$ years
 - ☐ 3. 1 year
 - ☐ 4. 3 years

Question ID : 6549788705

Status : Answered

Chosen Option : 1

Q.13 If $\sin B = \frac{9}{41}$, then what is the value of $\cot B$, where $0^\circ < B < 90^\circ$?

- Ans
-  1. $\frac{41}{9}$
 -  2. $\frac{40}{9}$
 -  3. $\frac{9}{41}$
 -  4. $\frac{9}{40}$

Question ID : 6549786796

Status : Answered

Chosen Option : 2

Q.14 Two trains X and Y of lengths 450 meters and 550 meters, respectively, are running in the same direction on parallel tracks. If the speeds of X and Y are 58 km/h and 86 km/h, respectively, then what will be the time taken by them to cross each other?

(correct to one decimal place)

- Ans
-  1. 122.6 seconds
 -  2. 128.6 seconds
 -  3. 126.6 seconds
 -  4. 124.6 seconds

Question ID : 6549788698

Status : Not Answered

Chosen Option : --

Q.15 The value of $\frac{\cos 8^\circ \cos 24^\circ \cos 60^\circ \cos 66^\circ \cos 82^\circ}{\sin 82^\circ \sin 66^\circ \sin 60^\circ \sin 8^\circ \sin 24^\circ}$ is:

- Ans
-  1. 1
 -  2. $\frac{1}{\sqrt{2}}$
 -  3. $\frac{1}{\sqrt{3}}$
 -  4. 0

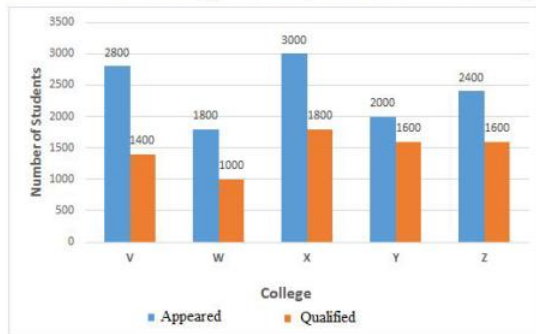
Question ID : 6549788716

Status : Not Answered

Chosen Option : --

Q.16 Study the following graph and answer the question that follows.

Number of students that appeared and qualified, from various colleges, at a scholarship examination.



The average number of students that qualified in the examination from Colleges X and Y is what percentage of the average number of students that appeared for the examination from the same colleges?

- Ans
- ☒ 1. 66
 - ☒ 2. 68
 - ☒ 3. 62
 - ☒ 4. 64

Question ID : 6549788721

Status : Answered

Chosen Option : 2

Q.17 If $3x + y = 12$ and $xy = 9$, then the value of $(3x - y)$ is:

- Ans
- ☒ 1. 4
 - ☒ 2. 5
 - ☒ 3. 6
 - ☒ 4. 3

Question ID : 6549788710

Status : Answered

Chosen Option : 3

Q.18 The difference between the two perpendicular sides of a right-angled triangle is 17 cm and its area is 84 cm^2 . What is the perimeter (in cm) of the triangle?

- Ans
- ☒ 1. 56
 - ☒ 2. 65
 - ☒ 3. 72
 - ☒ 4. 49

Question ID : 6549786790

Status : Not Answered

Chosen Option : --

Q.19 The perimeter of an isosceles triangle is 220 cm. If the base is 40 cm, then the length of each of the other sides is:

- Ans  1. 85 cm
 2. 90 cm
 3. 80 cm
 4. 95 cm

Question ID : 6549788708

Status : **Not Answered**

Chosen Option : --

Q.20 If $x : y = 4 : 5$, then the value of $(8x - 6y) : (9x - 7y)$ is:

- Ans  1. 2 : 1
 2. 1 : 2
 3. 2 : 3
 4. 1 : 3

Question ID : 6549788704

Status : **Answered**

Chosen Option : 1

Q.21 If $31^{47} + 43^{47}$ is divided by 37, the remainder is:

- Ans  1. 2
 2. 3
 3. 0
 4. 1

Question ID : 6549788713

Status : **Not Answered**

Chosen Option : --

Q.22 A dealer allows his customers a discount of 35% and still gains 30%. If the cost price of an article is ₹950, then what is its marked price (in ₹)?

- Ans  1. 1,900
 2. 1,750
 3. 1,800
 4. 1,500

Question ID : 6549786782

Status : **Not Answered**

Chosen Option : --

Q.23 In a circle, two chords UV and WX intersect each other at a point Z within the circle. If $UV = 18$ cm, $ZV = 6$ cm and $WZ = 9$ cm, then the length of ZX is:

- Ans
- ☒ 1. 6 cm
 - ☒ 2. 8 cm
 - ☒ 3. 4 cm
 - ☒ 4. 10 cm

Question ID : 6549788706

Status : Not Answered

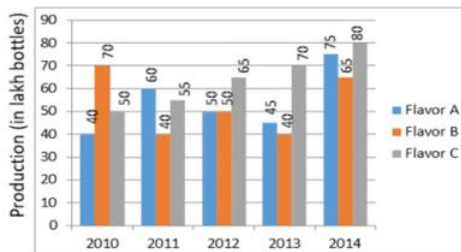
Chosen Option : --

Q.24

Study the given bar graph and answer the question that follows.

A soft drink company prepares drinks of three different flavours A, B and C. The bar graph shows the production of three flavours over a period of five years from 2010 to 2014.

Production of three different flavours A, B and C by a company over the five years (in lakh bottles).



What percentage of the total production of soft drink of flavour A in 2013 and 2014 is the total production of soft drink of flavour B in 2011 and 2012?

- Ans
- ☒ 1. 60 %
 - ☒ 2. 70 %
 - ☒ 3. 55 %
 - ☒ 4. 75 %

Question ID : 6549787407

Status : Answered

Chosen Option : 4

Q.25 The average of 29 numbers is 38. The average of the first 19 numbers is 34 and that of the last 9 numbers is 48. The 20th number is:

- Ans
- ☒ 1. 28
 - ☒ 2. 26
 - ☒ 3. 24
 - ☒ 4. 22

Question ID : 6549788700

Status : Answered

Chosen Option : 3

Q.1 Who among the following is the author of 'The Brahma Sutra – The Philosophy of Spiritual life'?

- Ans ☒ 1. Sarvepalli Radhakrishnan
☐ 2. Indira Gandhi
☐ 3. Sarojini Naidu
☐ 4. Rajendra Prasad

Question ID : 6549786821
Status : Answered
Chosen Option : 1

Q.2 Which company invested ₹11,400 crores during the financial year 2019-2020 across its market payments and wholesale business units in India to strengthen its foothold in India?

- Ans ☐ 1. Apple Inc.
☐ 2. Walmart Inc.
☐ 3. eBay Inc.
☒ 4. Amazon.com, Inc.

Question ID : 6549786811
Status : Answered
Chosen Option : 2

Q.3 Who became the Chief Justice of Jammu and Kashmir High Court in December 2020?

- Ans ☐ 1. Sanjib Banerjee
☒ 2. Pankaj Mithal
☐ 3. Hemant Kumar Pandey
☐ 4. Umesh Sinha

Question ID : 6549786824
Status : Not Answered
Chosen Option : --

Q.4 A mass of snow and ice that moves slowly under the influence of gravity along a confined course away from its place of accumulation is called a ____.

- Ans ☐ 1. lagoon
☒ 2. glacier
☐ 3. block mountain
☐ 4. plateau

Question ID : 6549786816
Status : Answered
Chosen Option : 2

Q.5 Who among the following is one of the seven winners of the Young Champions of the Earth 2020 prize given by UNEP?

- Ans
- ☒ 1. Veer Vikram Singh
 - ☒ 2. Vidyut Mohan
 - ☒ 3. Suchi Chaudhary
 - ☒ 4. Khushi Chindaliya

Question ID : **6549786809**
Status : **Not Answered**
Chosen Option : --

Q.6 As of January 2021, how many Olympic medals did India win in the sport of field hockey?

- Ans
- ☒ 1. 9
 - ☒ 2. 12
 - ☒ 3. 11
 - ☒ 4. 8

Question ID : **6549788746**
Status : **Answered**
Chosen Option : 4

Q.7 In 711 CE, Arab general _____ conquered Sind, which became a part of the Caliph's domain.

- Ans
- ☒ 1. Qutub-ud-din Aibak
 - ☒ 2. Muhammad-Bin-Tughlaq
 - ☒ 3. Muhammad Bin Qasim
 - ☒ 4. Muhammad Ghori

Question ID : **6549786819**
Status : **Answered**
Chosen Option : 4

Q.8 On which of the following days is World Computer Literacy Day observed?

- Ans
- ☒ 1. 5 June
 - ☒ 2. 2 December
 - ☒ 3. 13 May
 - ☒ 4. 30 September

Question ID : **6549786804**
Status : **Not Answered**
Chosen Option : --

Q.9 Which of the following recommends Minimum Support Prices for crops in India?

- Ans  1. Commission for Agricultural Costs & Prices
-  2. NITI Aayog
-  3. Indian Council of Agricultural Research
-  4. Fiscal Prudence Commission

Question ID : 6549788729
Status : Answered
Chosen Option : 2

Q.10 Who among the following was adjudged as the 'Player of the Series' in the Australia versus India T20I series played in December 2020?

- Ans  1. Matthew Wade
-  2. T Natarajan
-  3. Hardik Pandya
-  4. Mitchell Swepson

Question ID : 6549788744
Status : Not Answered
Chosen Option : --

Q.11 A message that tries to trick a person into providing information such as his social security number, bank account information or login username and password for a website is a type of malware called:

- Ans  1. Worms
-  2. Zombie
-  3. Macro Virus
-  4. Phishing

Question ID : 6549788722
Status : Answered
Chosen Option : 1

Q.12 What is the molecular formula for hydrochloric acid?

- Ans  1. H_2SO_4
-  2. HNO_3
-  3. KOH
-  4. HCl

Question ID : 6549788732
Status : Answered
Chosen Option : 4

Q.13 Mount Jopuno is situated in which of the following states?

- Ans
- ☒ 1. Uttarakhand
 - ☒ 2. Sikkim
 - ☒ 3. Andhra Pradesh
 - ☒ 4. Himachal Pradesh

Question ID : **6549786815**
Status : **Not Answered**
Chosen Option : --

Q.14 From which of the following sources does the brain get energy?

- Ans
- ☒ 1. Nucleic acids
 - ☒ 2. Fatty acids
 - ☒ 3. Amino acids
 - ☒ 4. Glucose

Question ID : **6549786812**
Status : **Answered**
Chosen Option : 4

Q.15 Which of the following is the largest river island in India?

- Ans
- ☒ 1. Diu island
 - ☒ 2. Gundu island
 - ☒ 3. Divar island
 - ☒ 4. Majuli island

Question ID : **6549788737**
Status : **Not Answered**
Chosen Option : --

Q.16 What is the minimum age requirement for appointment as a Governor?

- Ans
- ☒ 1. 26 years
 - ☒ 2. 35 years
 - ☒ 3. 25 years
 - ☒ 4. 42 years

Question ID : **6549788742**
Status : **Answered**
Chosen Option : 2

Q.17 Which of the following was included as an official Olympic sport in December 2020?

Ans  1. Breakdancing

 2. Cricket

 3. Chess

 4. Bowling

Question ID : 6549786826

Status : Answered

Chosen Option : 3

Q.18 Who among the following was appointed as the Chairman of the National Stock Exchange (NSE) in December 2019?

Ans  1. Girish Chandra Chaturvedi

 2. Vikramajit Sen

 3. Ashok Chawla

 4. Ashishkumar Chauhan

Question ID : 6549788726

Status : Not Answered

Chosen Option : --

Q.19 Who was the President of the Indian National Congress when India won its freedom in the year 1947?

Ans  1. Abul Kalam Azad

 2. Vallabhbhai Patel

 3. Jawaharlal Nehru

 4. J. B. Kripalani

Question ID : 6549788739

Status : Answered

Chosen Option : 4

Q.20 ISRO launched _____, it's 42nd communication satellite, in December 2020.

Ans  1. CMS-01

 2. GSAT-31

 3. GSAT-30

 4. INSAT-4CR

Question ID : 6549786814

Status : Answered

Chosen Option : 2

Q.21 As of December 2020, under the Startup India Initiative, the monthly allowance for startups with women as founder/co-founder was _____ per month for a period of one year.

- Ans
- ☐ 1. ₹50,000
 - ☐ 2. ₹30,000
 - ☒ 3. ₹20,000
 - ☐ 4. ₹40,000

Question ID : 6549788727

Status : Not Answered

Chosen Option : --

Q.22 Who among the following won the Golden Globe 2020 award for 'Best Performance by an Actor in a Motion Picture – Drama'?

- Ans
- ☐ 1. Lucas Hedges
 - ☒ 2. Joaquin Phoenix
 - ☐ 3. John David Washington
 - ☐ 4. Jonathan Pryce

Question ID : 6549788741

Status : Not Answered

Chosen Option : --

Q.23 Which of the following is NOT one of the three parallel ranges of the Himalayas in its longitudinal extent?

- Ans
- ☐ 1. Shiwaliks
 - ☒ 2. Himshikha
 - ☐ 3. Himachal
 - ☐ 4. Himadri

Question ID : 6549788736

Status : Answered

Chosen Option : 2

Q.24 With which of the following musical instruments is the musician Pandit Shiv Kumar Sharma associated?

- Ans
- ☐ 1. Dholak
 - ☐ 2. Sarangi
 - ☒ 3. Santoor
 - ☐ 4. Sarod

Question ID : 6549788724

Status : Answered

Chosen Option : 3

Q.25 Which of the following festivals is called the month of merits and is celebrated between May and June?

Ans



1. Saga Dawa



2. Bhanu Jaati



3. Losar



4. Losoong

Question ID : 6549786806

Status : **Not Answered**

Chosen Option : --