

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	05/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 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 required'.

What are the options available of me for a change of career?

- Ans
- ☒ 1. options available over me
 - ☒ 2. options available from me
 - ☒ 3. options available to me
 - ☒ 4. No substitution required

Question ID : 6549786134

Status : Answered

Chosen Option : 3

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

Instrument that measures the altitude of the land surface

- Ans
- ☒ 1. Altimeter
 - ☒ 2. Thermometer
 - ☒ 3. Barometer
 - ☒ 4. Chronometer

Question ID : 6549786142

Status : Answered

Chosen Option : 1

Q.3 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 required'.

If the box breaking the glass bottle will be shattered.

- Ans
- ☒ 1. If the box break
 - ☒ 2. If the box breaks
 - ☒ 3. If the box broke
 - ☒ 4. No substitution required

Question ID : 6549786840

Status : Answered

Chosen Option : 2

Q.4 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Due to this tilt as the Earth wobbles around the Sun, different points of the Earth receive more or less sunlight.

B. Furthermore, we also wouldn't have solstices or equinoxes.

C. We know that seasons are caused by the Earth having a slight tilt on its axis.

D. If the Sun just shone directly on the Equator all year long, we would be left without seasons.

Ans  1. CBDA

 2. ABCD

 3. ACBD

 4. CADB

Question ID : 6549786131

Status : Answered

Chosen Option : 4

Q.5 Select the most appropriate ANTONYM of the given word.

Naïve

Ans  1. Simple

 2. Sophisticated

 3. Immature

 4. Unsuspicious

Question ID : 6549786843

Status : Answered

Chosen Option : 2

Q.6 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The energy required / for perform various functions of the body / is obtained from food.

Ans  1. for perform various functions of the body

 2. is obtained from food

 3. The energy required

 4. No error

Question ID : 6549786123

Status : Answered

Chosen Option : 1

Q.7 Select the INCORRECTLY spelt word.

Ans  1. Aptitude

 2. Attitude

 3. Altitude

 4. Attaractive

Question ID : 6549786140

Status : Answered

Chosen Option : 4

Q.8 Select the most appropriate word to fill in the blank.

A micromanager frequently demands reports and updates leaving little room for subordinates to take _____ on their own.

- Ans
- ☒ 1. decisions
 - ☐ 2. results
 - ☐ 3. verdicts
 - ☐ 4. decrees

Question ID : 6549786145

Status : Answered

Chosen Option : 1

Q.9 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

- A. Games involved gladiators fighting wild animals or each other.
- B. Inside, tiered seating encircled the arena, where animals were caged and stage sets prepared.
- C. Inaugurated in AD 80, the 50,000-seat Colosseum is also known as the Flavian Amphitheatre.
- D. Rome's great gladiatorial arena is the most monumental of the city's ancient sights.

- Ans
- ☐ 1. ADCB
 - ☐ 2. BCAD
 - ☐ 3. DABC
 - ☒ 4. DCBA

Question ID : 6549786839

Status : Answered

Chosen Option : 1

Q.10 Select the most appropriate ANTONYM of the given word.

Compel

- Ans
- ☐ 1. Induce
 - ☐ 2. Influence
 - ☒ 3. Dissuade
 - ☐ 4. Persuade

Question ID : 6549786135

Status : Answered

Chosen Option : 3

Q.11 Select the most appropriate word to fill in the blank.

The first van was sent as a _____ to mislead the thugs.

- Ans
- ☒ 1. persuasion
 - ☐ 2. decoy
 - ☒ 3. determination
 - ☒ 4. temptation

Question ID : 6549786853
Status : Answered
Chosen Option : 2

Q.12 Select the most appropriate synonym of the given word.

Salient

- Ans
- ☒ 1. Sturdy
 - ☒ 2. Navigable
 - ☒ 3. Marine
 - ☐ 4. Noticeable

Question ID : 6549786851
Status : Answered
Chosen Option : 4

Q.13 Select the most appropriate synonym of the given word.

Apathetic

- Ans
- ☒ 1. Instantaneous
 - ☒ 2. Irrelevant
 - ☒ 3. Irregular
 - ☐ 4. Indifferent

Question ID : 6549786143
Status : Answered
Chosen Option : 4

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

Butter fingers

- Ans
- ☒ 1. To be very efficient
 - ☒ 2. To like rich food
 - ☒ 3. To cook well
 - ☐ 4. To be clumsy

Question ID : 6549786137
Status : Answered
Chosen Option : 1

Q.15 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The monkeys swung / on the branches and / jumped over the compound wall.

- Ans
- ☒ 1. The monkeys swung
 - ☐ 2. No error
 - ☐ 3. on the branches and
 - ☐ 4. jumped over the compound wall

Question ID : 6549786831
Status : Answered
Chosen Option : 2

Q.16 Select the option that expresses the given sentence in reported speech.

Neil Armstrong said, "It's a small step for man but a giant leap for mankind."

- Ans
- ☐ 1. Neil Armstrong said that a small step for man can be giant leap for mankind.
 - ☐ 2. Neil Armstrong had said that a small step for man is a giant leap for mankind.
 - ☒ 3. Neil Armstrong said that it was a small step for man but a giant leap for mankind.
 - ☐ 4. Neil Armstrong says that was a small step for man but a giant leap for mankind.

Question ID : 6549786122
Status : Answered
Chosen Option : 3

Q.17 Select the option that expresses the given sentence in passive voice.

Have you submitted the papers at the post office?

- Ans
- ☐ 1. Have the papers been submit by you at the post office?
 - ☐ 2. Had the papers submitted by you to the post office?
 - ☐ 3. Has the papers been submitted by you at the post office?
 - ☒ 4. Have the papers been submitted by you at the post office?

Question ID : 6549786828
Status : Answered
Chosen Option : 4

Q.18 Select the option that can be used as a one-word substitute for the given group of words.

A place or scene of activity, debate, or conflict

- Ans
- ☐ 1. Stadium
 - ☐ 2. Floor
 - ☒ 3. Arena
 - ☐ 4. Site

Question ID : 6549786848
Status : Answered
Chosen Option : 3

Q.19 Select the INCORRECTLY spelt word.

- Ans
-  1. Whisper
 -  2. Secluded
 -  3. Readable
 -  4. Twinkle

Question ID : **6549786846**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the most appropriate meaning of the given idiom.

Large-hearted

- Ans
-  1. Corrupt
 -  2. Unhealthy
 -  3. Overweight
 -  4. Generous

Question ID : **6549786845**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) _____ at a higher elevation and led downward (2) _____ large pipes to a lower elevation; the difference in elevations is (3) _____ as the head. At the end of its passage down the pipes, the falling water (4) _____ turbines to rotate. The turbines in turn drive generators, (5) _____ convert the turbines' mechanical energy into electricity.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no.1.

- Ans
-  1. hoarded
 -  2. amassed
 -  3. stored
 -  4. deposited

Question ID : **6549786833**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) _____ at a higher elevation and led downward (2) _____ large pipes to a lower elevation; the difference in elevations is (3) _____ as the head. At the end of its passage down the pipes, the falling water (4) _____ turbines to rotate. The turbines in turn drive generators, (5) _____ convert the turbines' mechanical energy into electricity.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no.2.

- Ans
-  1. beyond
 -  2. above
 -  3. through
 -  4. over

Question ID : 6549786834

Status : Answered

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) _____ at a higher elevation and led downward (2) _____ large pipes to a lower elevation; the difference in elevations is (3) _____ as the head. At the end of its passage down the pipes, the falling water (4) _____ turbines to rotate. The turbines in turn drive generators, (5) _____ convert the turbines' mechanical energy into electricity.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no.3.

- Ans
-  1. known
 -  2. being known
 -  3. told
 -  4. know

Question ID : 6549786835

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) _____ at a higher elevation and led downward (2) _____ large pipes to a lower elevation; the difference in elevations is (3) _____ as the head. At the end of its passage down the pipes, the falling water (4) _____ turbines to rotate. The turbines in turn drive generators, (5) _____ convert the turbines' mechanical energy into electricity.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no.4.

- Ans
- ☒ 1. produces
 - ☒ 2. begins
 - ☒ 3. effects
 - ☒ 4. causes

Question ID : 6549786836

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

In the generation of hydroelectric power, water is collected or (1) _____ at a higher elevation and led downward (2) _____ large pipes to a lower elevation; the difference in elevations is (3) _____ as the head. At the end of its passage down the pipes, the falling water (4) _____ turbines to rotate. The turbines in turn drive generators, (5) _____ convert the turbines' mechanical energy into electricity.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no.5.

- Ans
- ☒ 1. they
 - ☒ 2. whose
 - ☒ 3. which
 - ☒ 4. who

Question ID : 6549786837

Status : Answered

Chosen Option : 3

Section : General Intelligence

Q.1 Select the option that is related to the third term in the same way as the second term is related to the first term.

QUORATE : AEOQRTU :: SANDBOX : ?

- Ans
- ☒ 1. DNASXOB
 - ☒ 2. ASDNOBX
 - ☒ 3. ABDNOSX
 - ☒ 4. BOXSAND

Question ID : 6549786864

Status : Not Answered

Chosen Option : --

Q.2 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

12 : 20

Ans ☒ 1. 30 : 42

☐ 2. 24 : 36

☐ 3. 42 : 57

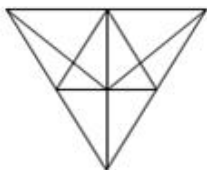
☐ 4. 18 : 28

Question ID : 6549786149

Status : Answered

Chosen Option : 1

Q.3 How many triangles are there in the given figure?



Ans ☐ 1. 24

☒ 2. 28

☐ 3. 22

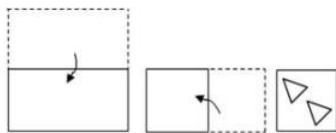
☐ 4. 26

Question ID : 6549786167

Status : Answered

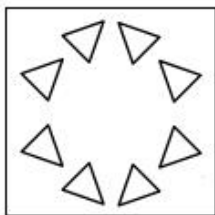
Chosen Option : 1

Q.4 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?

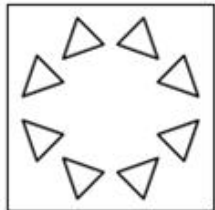


Ans

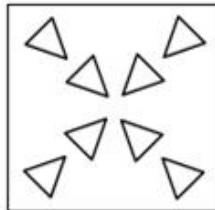
 1.



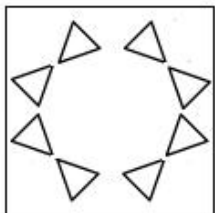
 2.



 3.

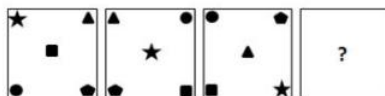


 4.



Question ID : 6549786876
Status : Answered
Chosen Option : 2

Q.5 Select the figure from among the given options that can replace the question mark (?) in the following series.

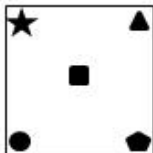


Ans

☒ 1.



☒ 2.



☒ 3.



☒ 4.



Question ID : 6549786166

Status : Answered

Chosen Option : 3

Q.6 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Expanse
2. Expansive
3. Expandable
4. Expansion
5. Expanded

Ans ☒ 1. 3-2-1-5-4

☒ 2. 3-5-1-4-2

☒ 3. 1-2-5-3-4

☒ 4. 5-3-1-2-4

Question ID : 6549786154

Status : Answered

Chosen Option : 2

Q.7 Tushar is the only son of Jitendra, and Kirti is the daughter of Jitendra's father's brother. Suhani is the sister of Tushar. How is Suhani related to Kirti?

- Ans
- ☒ 1. Sister
 - ☒ 2. Cousin
 - ☒ 3. Aunt
 - ☒ 4. Niece

Question ID : 6549789809

Status : Answered

Chosen Option : 2

Q.8 Select the option that is embedded in the given figure (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 6549786875

Status : Answered

Chosen Option : 3

Q.9 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(72, 56, 42)

- Ans
- ☒ 1. (80, 48, 24)
 - ☒ 2. (132, 110, 90)
 - ☒ 3. (80, 68, 58)
 - ☒ 4. (126, 102, 80)

Question ID : 6549786857

Status : Not Answered

Chosen Option : --

Q.10 Select the Venn diagram that best represents the relationship between the following classes.

Women, Mothers, Sisters

Ans

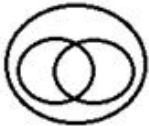
✗ 1.



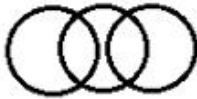
✗ 2.



✓ 3.



✗ 4.



Question ID : 6549786171

Status : Answered

Chosen Option : 3

Q.11 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 ducks are hens.
Some hens are chickens.

Conclusions:

I. Some ducks are chickens.
II. Some hens are ducks.

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

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

Question ID : 6549786871

Status : Answered

Chosen Option : 2

Q.12 Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the face having the letter E.



- Ans
- ☒ 1. A
 - ☒ 2. D
 - ☒ 3. F
 - ☒ 4. C

Question ID : 6549786165

Status : Answered

Chosen Option : 3

Q.13 Select the option in which the words share the same relationship as that shared by the given pair of words.

Virus : Ebola

- Ans
- ☒ 1. Bacteria : Plague
 - ☒ 2. Mosquito : Jaundice
 - ☒ 3. Fungi : Diarrhoea
 - ☒ 4. Season : Common cold

Question ID : 6549786161

Status : Answered

Chosen Option : 4

Q.14 A notebook costs ₹12 each. A pen costs ₹9 each. Tina spends ₹123 on a total of 11 pieces of these articles. How many notebooks did she purchase?

- Ans
- ☒ 1. 11
 - ☒ 2. 8
 - ☒ 3. 6
 - ☒ 4. 9

Question ID : 6549786147

Status : Answered

Chosen Option : 2

Q.15 In a certain code language, ENVELOPE is written as IQZHPRTH. How will INTIMATE be written in that language?

- Ans
- ☒ 1. NRYMREYI
 - ☒ 2. KPVKOCVG
 - ☒ 3. LPWPCWG
 - ☒ 4. MQXLQDXH

Question ID : 6549786862

Status : Answered

Chosen Option : 4

Q.16 Select the option in which the numbers are related in the same way as are the numbers of the following set.

221 : 348 : 517

- Ans  1. 995 : 1326 : 1723
 2. 1005 : 1336 : 1733
 3. 1331 : 1728 : 2744
 4. 343 : 512 : 729

Question ID : 6549786151
Status : Not Answered
Chosen Option : --

Q.17 Which two digits and signs need to be interchanged so as to balance the given equation?

$97 \div 24 - 16 \times 5 + 37 = 53$

- Ans  1. 2 and 3; $\div$ and -
 2. 7 and 6; + and -
 3. 4 and 7; $\div$ and +
 4. 2 and 3; + and $\times$

Question ID : 6549786855
Status : Answered
Chosen Option : 2

Q.18 Four letter-clusters have been given in the options, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans  1. ORVA
 2. EHLQ
 3. ILPU
 4. KOSW

Question ID : 6549786162
Status : Answered
Chosen Option : 4

Q.19 Four numbers have been given in the options, out of which three are alike in some manner and one is different. Select the number that is different.

- Ans  1. 345
 2. 514
 3. 733
 4. 218

Question ID : 6549786153
Status : Answered
Chosen Option : 3

Q.20 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. Geology
☐ 2. Entomology
☐ 3. Mycology
☐ 4. Genomics

Question ID : 6549786870
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.

12, 22, 40, 74, 140, ?

- Ans ☐ 1. 280
☐ 2. 268
☒ 3. 270
☐ 4. 274

Question ID : 6549786859
Status : Answered
Chosen Option : 3

Q.22 Select the correct mirror image of the given figure when the mirror is placed at the right side.



- Ans ☐ 1.
- ☐ 2.
- ☒ 3.
- ☐ 4.

Question ID : 6549786877
Status : Answered
Chosen Option : 3

Q.23 Select the option that is related to the third word in the same way as the second word is related to the first word.

Hindi : Devanagari :: English : ?

- Ans
- ☒ 1. Greek
 - ☒ 2. British
 - ☒ 3. Persian
 - ☒ 4. Latin

Question ID : 6549786865
Status : Answered
Chosen Option : 2

Q.24 In a certain code language, BOOTLACE is coded as 49960372 and CAPELIN is coded as 7382015. How will TAPIOCA be coded in that language?

- Ans
- ☒ 1. 3673819
 - ☒ 2. 6381973
 - ☒ 3. 6582975
 - ☒ 4. 5381963

Question ID : 6549786156
Status : Answered
Chosen Option : 2

Q.25 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

O _ E _ O Z _ T _ Z _ T

- Ans
- ☒ 1. O E T Z T
 - ☒ 2. E Z T O E
 - ☒ 3. Z T E O E
 - ☒ 4. T E Z O Z

Question ID : 6549789770
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 The successive discounts 18 % , 10 % and 15 % are equivalent to a single discount of:

- Ans
- ☒ 1. 39.25%
 - ☒ 2. 37.27%
 - ☒ 3. 45.16%
 - ☒ 4. 41.32%

Question ID : 6549786883
Status : Answered
Chosen Option : 4

Q.2 If $9x^2 - 6x + 1 = 0$, then the value of $27x^3 + (27x^3)^{-1}$ will be:

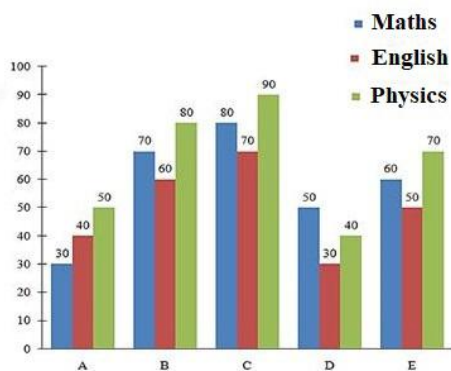
- Ans
- ☒ 1. 8
 - ☒ 2. 4
 - ☒ 3. 2
 - ☒ 4. 1

Question ID : 6549786185

Status : Answered

Chosen Option : 3

Q.3 Study the following graph and answer the question that follows.
Marks scored by five students A, B, C, D and E in three subjects (Maths, English and Physics)



What are the approximate average marks obtained by C?

- Ans
- ☒ 1. 65
 - ☒ 2. 75
 - ☒ 3. 80
 - ☒ 4. 70

Question ID : 6549788316

Status : Answered

Chosen Option : 3

Q.4 In $\triangle ABC$, the length of BC is less than twice the length of AB by 2 cm. The length of AC exceeds the length of AB by 6 cm. The perimeter is 60 cm. The length (in cm) of the largest side of the triangle ABC is:

- Ans
- ☒ 1. 28
 - ☒ 2. 26
 - ☒ 3. 30
 - ☒ 4. 20

Question ID : 6549786183

Status : Answered

Chosen Option : 2

Q.5

If $\cos\theta = \frac{p^2-1}{p^2+1}$, $0^\circ < \theta < 90^\circ$, then $\operatorname{cosec}\theta$ is equal to:

Ans

 1. $\frac{2P}{1-P^2}$

 2. $\frac{2P}{1+P^2}$

 3. $\frac{1+P^2}{2P}$

 4. $\frac{1-P^2}{2P}$

Question ID : 6549786897

Status : Answered

Chosen Option : 3

Q.6 What will be the compound interest (in ₹) on a sum of ₹7,200 for 18 months at a rate of 20% per annum, if the interest is compounded half-yearly (nearest to an integer)?

Ans

 1. 3,238

 2. 2,338

 3. 2,833

 4. 2,383

Question ID : 6549786180

Status : Answered

Chosen Option : 4

Q.7 A circle is inscribed in a triangle ABC. It touches sides AB, BC and AC at points R, P and Q, respectively. If $AQ = 6.5$ cm, $PC = 7.5$ cm and $BR = 9$ cm, then the perimeter (in cm) of the triangle ABC will be:

Ans

 1. 55

 2. 27.5

 3. 46

 4. 23

Question ID : 6549786181

Status : Answered

Chosen Option : 3

Q.8 If $(4x - 5)^3 + (x - 2)^3 + 27(2x - 5)^3 = 9(4x - 5)(x - 2)(2x - 5)$,

then the value of $(x + \frac{3}{2})$ will be:

Ans

 1. $\frac{3}{2}$

 2. $\frac{1}{2}$

 3. $\frac{7}{2}$

 4. $\frac{5}{2}$

Question ID : 6549786894

Status : Answered

Chosen Option : 3

Q.9 If $9a^2 + 4b^2 + 49c^2 + 18 = 2(2b + 28c - 3a)$, then the value of $(a + 2b - c)$ will be:

Ans

 1. $\frac{11}{21}$

 2. $\frac{2}{21}$

 3. $\frac{26}{21}$

 4. $\frac{5}{21}$

Question ID : 6549786893

Status : Answered

Chosen Option : 3

Q.10 If $7 \sin^2 \theta + 3 \cos^2 \theta = 4, 0^\circ < \theta < 90^\circ$, then the value of θ will be:

Ans

 1. 60°

 2. 45°

 3. 75°

 4. 30°

Question ID : 6549786899

Status : Answered

Chosen Option : 4

Q.11 The value of $61\frac{3}{5} \div \left[40 \div 2 \text{ of } 5 + 27 \div \frac{1}{3} - \left(78 \div 3\frac{1}{3} \right) \right]$ is:

Ans

☒ 1. $\frac{11}{25}$

☒ 2. 1

☒ 3. $\frac{41}{25}$

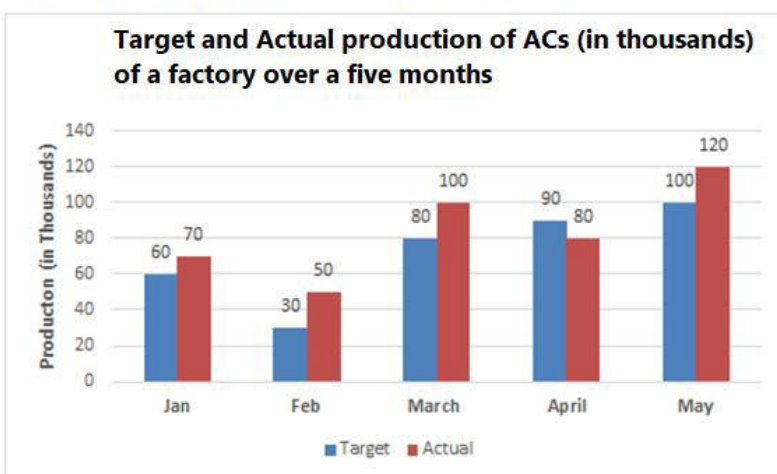
☒ 4. -5

Question ID : 6549786896

Status : Answered

Chosen Option : 2

Q.12 Study the given graph and answer the question that follows.



In which month is the actual production of ACs 20% more than its target production?

Ans

☒ 1. February

☒ 2. May

☒ 3. January

☒ 4. March

Question ID : 6549786196

Status : Answered

Chosen Option : 2

Q.13 From a rectangular sheet of dimensions $32\text{ cm} \times 18\text{ cm}$, a square of side 3 cm is cut from the four corners of the sheet and a box is made. The volume of the box is:

- Ans
- ☒ 1. 946 cm^3
 - ☒ 2. 936 cm^3
 - ☒ 3. 1305 cm^3
 - ☒ 4. 1300 cm^3

Question ID : 6549786881
Status : Answered
Chosen Option : 2

Q.14 A train travels at a speed of 66 km/h and halts at five junctions for a certain time. It covers a distance of 1485 km in one day. For how long (in minutes) does the train stop at each junction, if it halts for the same period of time at all the junctions?

- Ans
- ☒ 1. 15
 - ☒ 2. 18
 - ☒ 3. 12
 - ☒ 4. 20

Question ID : 6549786173
Status : Answered
Chosen Option : 2

Q.15 The income of A is 40% less than that of B . If A gets 25% rise in his income and B gets 40% rise in his income, then the percentage increase (correct to two decimal places) in the combined incomes of A and B will be:

- Ans
- ☒ 1. 35.19
 - ☒ 2. 37.86
 - ☒ 3. 31.67
 - ☒ 4. 34.38

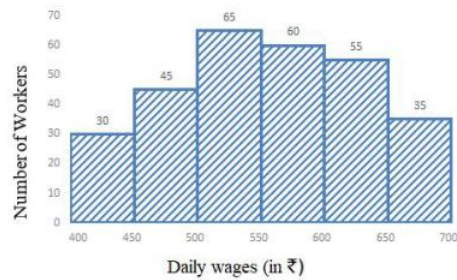
Question ID : 6549786177
Status : Answered
Chosen Option : 4

Q.16 If PA and PB are tangents drawn to a circle with centre O at A and B from external point P such that $\angle APB = 78^\circ$, then $\angle OAB$ is equal to:

- Ans
- ☒ 1. 39°
 - ☒ 2. 12°
 - ☒ 3. 36°
 - ☒ 4. 29°

Question ID : 6549786889
Status : Answered
Chosen Option : 1

Q.17 Study the graph which shows the daily wages (in ₹) with number of workers and answer the question that follows.



If the ratio of the total number of workers whose daily wages are less than ₹450 to the total number of workers whose daily wages are ₹600 or above is $a : b$, then what is the difference between b and a ?

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

Question ID : 6549786094

Status : Answered

Chosen Option : 1

Q.18 If a nine-digit number $489x6378y$ is divisible by 72, then the value of $\sqrt{8x+6y}$ will be:

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

Question ID : 6549786188

Status : Answered

Chosen Option : 4

Q.19 The value of $\frac{3 \tan^2 60^\circ + \sec^2 30^\circ - \sin^2 45^\circ}{(\cos 15^\circ + \sin 75^\circ)(\sec 15^\circ + \operatorname{cosec} 75^\circ)}$ is:

- Ans
- ☐ 1. $\frac{5}{12}$
 - ☐ 2. $\frac{65}{24}$
 - ☐ 3. $\frac{13}{12}$
 - ☒ 4. $\frac{59}{24}$

Question ID : 6549786191

Status : Answered

Chosen Option : 4

Q.20 The average of eighteen numbers is 42. The average of the last ten numbers is 40 and that of the first five numbers is 44. The seventh number is 6 less than the sixth and 7 less than the eighth number. The average of the sixth and the eighth number is:

- Ans ☒ 1. 46.5
☒ 2. 47.5
☒ 3. 45
☒ 4. 48

Question ID : 6549786175
 Status : Answered
 Chosen Option : 2

Q.21 Study the given graph which shows the Target and Actual production of AC's (in thousands) of a factory over five months and answer the question that follows.

Target and Actual Production of AC's (in Thousands) of a factory over five months



The ratio of the combined target production of ACs from January to April to that of the actual production of ACs from March to May is:

- Ans ☒ 1. 13 : 15
☒ 2. 19 : 15
☒ 3. 15 : 13
☒ 4. 15 : 19

Question ID : 6549786900
 Status : Answered
 Chosen Option : 1

Q.22 In $\triangle ABC$, $\angle A = 66^\circ$. If I is the incentre of the triangle, then the measure of $\angle BIC$ will be:

- Ans ☒ 1. 123°
☒ 2. 109°
☒ 3. 119°
☒ 4. 112°

Question ID : 6549786891
 Status : Answered
 Chosen Option : 1

Q.23 A can do 60% of a work in 18 days, while B can do 40% of the same work in 10 days. Both work together for 10 days only. C completed the remaining work in 4 days. In how many days will C complete the same work?

- Ans
- ☒ 1. 12
 - ☒ 2. 15
 - ☒ 3. 25
 - ☒ 4. 18

Question ID : 6549786879

Status : Answered

Chosen Option : 2

Q.24 A bought an article for ₹4,800 and sold it at a loss of 30%. With this amount, he bought another article and sold it at a gain of 60%. What was his overall gain/loss?

- Ans
- ☒ 1. Loss 18%
 - ☒ 2. Gain 12%
 - ☒ 3. Gain 10%
 - ☒ 4. Loss 15%

Question ID : 6549786885

Status : Answered

Chosen Option : 2

Q.25 The ratio of the incomes of A and B is 7 : 5. A and B save ₹4,000 and ₹3,500, respectively. If the expenditure of B is half the expenditure of A, then the total income of A and B (in ₹) will be:

- Ans
- ☒ 1. 10,000
 - ☒ 2. 13,500
 - ☒ 3. 12,000
 - ☒ 4. 15,000

Question ID : 6549786179

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 Who among the following politicians was the Home Minister of India in Rajiv Gandhi's cabinet from 1986 to 1989?

- Ans
- ☒ 1. Madhavrao Scindia
 - ☒ 2. Ajit Kumar Panja
 - ☒ 3. Buta Singh
 - ☒ 4. Ashoke Kumar Sen

Question ID : 6549786922

Status : Not Answered

Chosen Option : --

Q.2 Which maharaja of Manipur signed the Instrument of Accession with the Government of India?

- Ans
- ☒ 1. Kulachandra Singh
 - ☐ 2. Bodhchandra Singh
 - ☐ 3. Nara Singh
 - ☐ 4. Gambhir Singh

Question ID : 6549786925

Status : **Not Answered**

Chosen Option : --

Q.3 Where was the Khelo India Ice Hockey Tournament held in January 2021?

- Ans
- ☐ 1. Lungnak
 - ☐ 2. Shargole
 - ☐ 3. Drass
 - ☒ 4. Chiktan

Question ID : 6549786221

Status : **Answered**

Chosen Option : 4

Q.4 The world's only floating national park, Keibul Lamjao National Park, is located in ____.

- Ans
- ☒ 1. Manipur
 - ☐ 2. Assam
 - ☐ 3. Nagaland
 - ☐ 4. Tripura

Question ID : 6549786916

Status : **Answered**

Chosen Option : 1

Q.5 Which of the following is a Kharif crop in North India and a Rabi crop in South India?

- Ans
- ☐ 1. Wheat
 - ☒ 2. Sesamum
 - ☐ 3. Finger millet
 - ☐ 4. Barley

Question ID : 6549786211

Status : **Answered**

Chosen Option : 4

Q.6 Which of the following is a single user operating system?

- Ans
- ☒ 1. Windows 7
 - ☒ 2. MS-DOS
 - ☒ 3. Windows NT
 - ☒ 4. Linux

Question ID : **6549786197**
Status : **Answered**
Chosen Option : **4**

Q.7 In January 2021, the Defence Research Development Organisation (DRDO) developed India's first indigenous machine pistol called 'Asmi' in collaboration with ____.

- Ans
- ☒ 1. Army War College, Mhow
 - ☒ 2. Central Ordnance Depot, Jabalpur
 - ☒ 3. Infantry School, Mhow
 - ☒ 4. College of Military Engineering, Pune

Question ID : **6549786910**
Status : **Not Answered**
Chosen Option : **--**

Q.8 How many terabytes make one petabyte?

- Ans
- ☒ 1. 1048
 - ☒ 2. 1042
 - ☒ 3. 1084
 - ☒ 4. 1024

Question ID : **6549786905**
Status : **Answered**
Chosen Option : **4**

Q.9 Public Sector Banks account for about ____ of market share in Indian banking as per the Economic Survey 2019-20.

- Ans
- ☒ 1. 70%
 - ☒ 2. 50%
 - ☒ 3. 80%
 - ☒ 4. 40%

Question ID : **6549786204**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who among the following did the Sports Authority of India appoint as the middle-and-long distance coach of the Indian athletics team in January 2021?

- Ans
- ☐ 1. Avinash Sable
 - ☐ 2. Radhakrishnan Nair
 - ☐ 3. Adille Sumariwalla
 - ☒ 4. Nikolai Snesarev

Question ID : 6549786927
Status : Answered
Chosen Option : 4

Q.11 The inertia of an object is measured by its ____.

- Ans
- ☐ 1. volume
 - ☐ 2. speed
 - ☒ 3. mass
 - ☐ 4. area

Question ID : 6549786915
Status : Answered
Chosen Option : 3

Q.12 Which of the following beaches was NOT awarded the international 'Blue Flag' certification by Foundation of Environment Education, Denmark as of October 2020?

- Ans
- ☐ 1. Kappad
 - ☐ 2. Ghoghla
 - ☒ 3. Talasari
 - ☐ 4. Rushikonda

Question ID : 6549786216
Status : Not Answered
Chosen Option : --

Q.13 Which web portal and mobile application did the Ministry of Housing and Urban Affairs, Government of India, launch in December 2020?

- Ans
- ☐ 1. e-Uparjan
 - ☐ 2. e-Rozgar
 - ☒ 3. e-Sampada
 - ☐ 4. e-Dharti

Question ID : 6549786201
Status : Answered
Chosen Option : 3

Q.14 Who among the following was a World War II veteran, also associated with cricket?

- Ans
-  1. Brad Friedel
 -  2. Alan Burgess
 -  3. Ivan Cordoba
 -  4. Erik Karlsson

Question ID : 6549786219
Status : Answered
Chosen Option : 2

Q.15 Which of the following Articles of the Constitution of India deals with the organisation of agriculture and animal husbandry?

- Ans
-  1. Article 84
 -  2. Article 92
 -  3. Article 29
 -  4. Article 48

Question ID : 6549786217
Status : Answered
Chosen Option : 4

Q.16 The Sufi shrine Charar-e-Sharief (or Sharif) is located near _____ city.

- Ans
-  1. Srinagar
 -  2. Mumbai
 -  3. Hyderabad
 -  4. Lucknow

Question ID : 6549786199
Status : Answered
Chosen Option : 1

Q.17 Which of the following watershed development projects is sponsored by the Central Government aims at enabling the rural population to conserve water?

- Ans
-  1. Jal Kranti Abhiyan
 -  2. Haryali
 -  3. Neeru-Meeru
 -  4. Arvary Pani Sansad

Question ID : 6549786212
Status : Not Answered
Chosen Option : --

Q.18 Which was the first empire in ancient India to use elephants in its war on a large scale?

- Ans
- ☒ 1. Shunga
 - ☒ 2. Chola
 - ☒ 3. Kushans
 - ☒ 4. Magadha

Question ID : 6549786920
Status : Answered
Chosen Option : 4

Q.19 'Purusha Sukta' is a hymn from which Veda?

- Ans
- ☒ 1. Atharvaveda
 - ☒ 2. Yajurveda
 - ☒ 3. Rigveda
 - ☒ 4. Samaveda

Question ID : 6549786214
Status : Answered
Chosen Option : 4

Q.20 Which of the following was the country in focus at the 51st International Film Festival of India held in Goa in January 2021?

- Ans
- ☒ 1. Myanmar
 - ☒ 2. Nepal
 - ☒ 3. Bangladesh
 - ☒ 4. Bhutan

Question ID : 6549786202
Status : Answered
Chosen Option : 3

Q.21 Who discovered blood circulation?

- Ans
- ☒ 1. Charles Darwin
 - ☒ 2. David Baltimore
 - ☒ 3. William Harvey
 - ☒ 4. Rosalind Franklin

Question ID : 6549786207
Status : Answered
Chosen Option : 3

Q.22 Which of the following diseases is caused by Leishmania, a protozoan organism?

- Ans
- ☒ 1. Sleeping sickness
 - ☐ 2. Kala-azar
 - ☐ 3. Malaria
 - ☐ 4. Acne

Question ID : 6549786913
Status : Answered
Chosen Option : 2

Q.23 Which of the following is a main species of moist deciduous forests?

- Ans
- ☒ 1. Sandalwood
 - ☐ 2. Khejri
 - ☐ 3. Amaltas
 - ☐ 4. Neem

Question ID : 6549786917
Status : Answered
Chosen Option : 2

Q.24 A Shadava Raga has only ____ notes in its scale.

- Ans
- ☐ 1. seven
 - ☐ 2. eight
 - ☐ 3. five
 - ☒ 4. six

Question ID : 6549786907
Status : Not Answered
Chosen Option : --

Q.25 As per Union Budget 2021, 9% of the government revenue will be spent on ____.

- Ans
- ☐ 1. defence
 - ☐ 2. interest payments
 - ☐ 3. pensions
 - ☒ 4. centrally sponsored schemes

Question ID : 6549786912
Status : Answered
Chosen Option : 1