

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	04/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 In the given sentence identify the segment which contains the grammatical error.

I would have died if he did not dress my wound that day.

- Ans  1. if he did not dress
-  2. that day
-  3. I would have died
-  4. my wound

Question ID : 6549787841
Status : Answered
Chosen Option : 3

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

Priya has a very _____ nature and does not accept financial help even from her own parents.

- Ans  1. impartial
-  2. disinterested
-  3. biased
-  4. independent

Question ID : 6549787054
Status : Answered
Chosen Option : 4

Q.3 Select the most appropriate synonym of the given word.

Encroach

- Ans  1. Disregard
-  2. Ignore
-  3. Intrude
-  4. Forget

Question ID : 6549787052
Status : Answered
Chosen Option : 3

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. Cheetahs are one of the world’s most-recognisable cats, known especially for their speed.
- B. Their faces too are distinguished by prominent black lines that curve from the inner corner of each eye to the outer corners of the mouth, like a well-worn trail of inky tears.
- C. Cheetahs are covered almost entirely with small black spots on a background of pale yellow and have a white underbelly.
- D. They have a long, slender body measuring 1.2 metres (4 feet), with a long tail (65–85 cm [2–3 feet]) that generally ends in a white tuft.

- Ans

1. BADC
2. ABDC

3. DABC4. CADB

Question ID : 6549787040

Status : Answered

Chosen Option : 2

Q.5 Select the most appropriate meaning of the given idiom.

Pull something off

- Ans

1. Drag something forcibly
2. Take out the cover or lid

3. Make something happen4. Make a lot of noise

Question ID : 6549787046

Status : Answered

Chosen Option : 3

Q.6 Select the most appropriate meaning of the given idiom.

Go to the dogs

- Ans

1. Fail miserably
2. Deteriorate shockingly

3. Want something badly4. Go crazy

Question ID : 6549787855

Status : Answered

Chosen Option : 2

Q.7 Select the option that can be used as a one-word substitute for the given group of words.

Fond of company

- Ans

1. Cheerful
2. Gracious

3. Gregarious4. Amiable

Question ID : 6549787051

Status : Answered

Chosen Option : 3

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No improvement'. The child is <u>crying</u> because she can't find her mother. Ans ✓ 1. No improvement ✗ 2. A child is crying ✗ 3. The child has cried ✗ 4. The child were crying Question ID : 6549787850 Status : Answered Chosen Option : 2
Q.9 Select the INCORRECTLY spelt word. Ans ✗ 1. Callous ✗ 2. Vicious ✓ 3. Hienous ✗ 4. Vicarious Question ID : 6549787049 Status : Answered Chosen Option : 3
Q.10 Select the most appropriate ANTONYM of the given word. INDIGNANT Ans ✗ 1. Annoyed ✓ 2. Pleased ✗ 3. Upset ✗ 4. Peeved Question ID : 6549787853 Status : Answered Chosen Option : 2
Q.11 Select the most appropriate ANTONYM of the given word. Harrowing Ans ✗ 1. Worrying ✗ 2. Repetitive ✓ 3. Pleasant ✗ 4. Stressful Question ID : 6549787044 Status : Answered Chosen Option : 3

Q.12 Select the option that expresses the given sentence in direct speech. My friends say that many young people are very active on social media now. Ans ✗ 1. My friends say, "Many young people were very active on social media now." ✗ 2. My friends said, "Many young people were very active on social media then." ✓ 3. My friends say, "Many young people are very active on social media now." ✗ 4. My friends are saying, "Many young people are very active on social media then."	Question ID : 6549787031 Status : Answered Chosen Option : 3
Q.13 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'. The roof <u>is being held up over</u> two stone pillars. Ans ✗ 1. is hold up on ✗ 2. No substitution required ✗ 3. was held above ✓ 4. is held up by	Question ID : 6549787043 Status : Answered Chosen Option : 4
Q.14 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order. A. He confessed that the only thing he was afraid of was snakes. B. On my second visit to West Africa I met a young man on board the ship. C. I told him that it was very unlikely that he would see any. D. He was going out to take up a job in a banana plantation. Ans ✓ 1. BDAC ✗ 2. ADBC ✗ 3. BACD ✗ 4. DBAC	Question ID : 6549787849 Status : Not Attempted and Marked For Review Chosen Option : --
Q.15 Select the INCORRECTLY spelt word. Ans ✗ 1. Entreat ✗ 2. Entrust ✓ 3. Envellope ✗ 4. Envoy	Question ID : 6549787856 Status : Answered Chosen Option : 3

Q.16 Select the word which means the same as the group of words given. A person who arranges and sells cut flowers Ans ✖ 1. Botanist ✖ 2. Anthropologist ✖ 3. Horticulturist ✔ 4. Florist	Question ID : 6549787858 Status : Answered Chosen Option : 4
Q.17 Select the correct passive form of the given sentence. At the last moment, a fireman pulled out Manohar from the burning bus. Ans ✖ 1. At the last moment, Manohar was pulling out of the burning bus by a fireman. ✔ 2. At the last moment, Manohar was pulled out of the burning bus by a fireman. ✖ 3. At the last moment, Manohar had been pulled out of the burning bus by a fireman. ✖ 4. At the last moment, a fireman was pulled out of the burning bus by Manohar.	Question ID : 6549787838 Status : Answered Chosen Option : 2
Q.18 Select the most appropriate word to fill in the blank in the given sentence. The passengers waited _____ for the local train to arrive. Ans ✖ 1. hastily ✖ 2. meekly ✔ 3. patiently ✖ 4. considerably	Question ID : 6549787863 Status : Answered Chosen Option : 3
Q.19 Select the most appropriate synonym of the given word. APPARENTLY Ans ✔ 1. Seemingly ✖ 2. Considerably ✖ 3. Unlikely ✖ 4. Questionably	Question ID : 6549787861 Status : Answered Chosen Option : 3

Q.20 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.

At the workshop, / they were taught how to nail / the pieces of wood together to create toys.

- Ans
- ☒

1. No error
- ☐

2. they were taught how to nail
- ☐

3. the pieces of wood together to create toys
- ☐

4. At the workshop

Question ID : 6549787032

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.

Equiano was born in 1745 in Nigeria. When he (1) _____ about eleven, Equiano was kidnapped and sold to slave traders headed (2) _____ the West Indies. Though he spent a brief (3) _____ in the state of Virginia, much of Equiano's time (4) _____ serving on slave ships and British navy vessels. In his service on these (5) _____, Equiano traveled extensively.

SubQuestion No : 21

Q.21 Select the most appropriate option for blank number1.

- Ans
- ☐

1. is
- ☐

2. were
- ☐

3. are
- ☒

4. was

Question ID : 6549787843

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.

Equiano was born in 1745 in Nigeria. When he (1) _____ about eleven, Equiano was kidnapped and sold to slave traders headed (2) _____ the West Indies. Though he spent a brief (3) _____ in the state of Virginia, much of Equiano's time (4) _____ serving on slave ships and British navy vessels. In his service on these (5) _____, Equiano traveled extensively.

SubQuestion No : 22

Q.22 Select the most appropriate option for blank number 2.

- Ans
- ☐

1. on
- ☒

2. to
- ☐

3. in
- ☐

4. about

Question ID : 6549787844

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.

Equiano was born in 1745 in Nigeria. When he (1) _____ about eleven, Equiano was kidnapped and sold to slave traders headed (2) _____ the West Indies. Though he spent a brief (3) _____ in the state of Virginia, much of Equiano's time (4) _____ serving on slave ships and British navy vessels. In his service on these (5) _____, Equiano traveled extensively.

SubQuestion No : 23

Q.23 Select the most appropriate option for blank number 3.

- Ans
1. era

2. age

3. period

4. life

Question ID : 6549787845

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.

Equiano was born in 1745 in Nigeria. When he (1) _____ about eleven, Equiano was kidnapped and sold to slave traders headed (2) _____ the West Indies. Though he spent a brief (3) _____ in the state of Virginia, much of Equiano's time (4) _____ serving on slave ships and British navy vessels. In his service on these (5) _____, Equiano traveled extensively.

SubQuestion No : 24

Q.24 Select the most appropriate option for blank number 4.

- Ans
1. spent

2. was spent

3. is spent

4. has been spent

Question ID : 6549787846

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.

Equiano was born in 1745 in Nigeria. When he (1) _____ about eleven, Equiano was kidnapped and sold to slave traders headed (2) _____ the West Indies. Though he spent a brief (3) _____ in the state of Virginia, much of Equiano's time (4) _____ serving on slave ships and British navy vessels. In his service on these (5) _____, Equiano traveled extensively.

SubQuestion No : 25

Q.25 Select the most appropriate option for blank number 5.

- Ans
1. liners

2. crafts

3. tankers

4. ships

Question ID : 6549787847

Status : Not Answered

Chosen Option : --

Q.1

Nirmala introduced Rahul as the son of the sister of her mother. How is Nirmala related to Rahul?

Ans

1. Brother

2. Brother-in-law

3. Cousin

4. Maternal uncle

Question ID : 6549787069

Status : Answered

Chosen Option : 3

Q.2

Which two signs should be interchanged to balance the following equation?

646 ÷ 19 – 746 + 20 × 34 = 100

Ans

1. – and ×

2. × and+

3. – and+

4. × and ÷

Question ID : 6549787865

Status : Answered

Chosen Option : 3

Q.3

Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Prescription

2. Diagnosis

3. Illness

4. Follow-up

5. Recovery

Ans

1. 3-4-1-2-5

2. 1-2-5-3-4

3. 3-2-1-5-4

4. 2-3-1-4-5

Question ID : 6549787063

Status : Answered

Chosen Option : 4

Q.4

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

Ans

1. PVBH

2. CIOU

3. SYDJ

4. KQWC

Question ID : 6549787071

Status : Answered

Chosen Option : 3

Q.5 In a certain code language, CANDIDATE is coded as 846292417 and ACTION is coded as 481936. How will DICTATION be coded in that language?

- Ans
1. 493212965

2. 298242956

3. 493212975

4. 298141936

Question ID : 6549787065

Status : Answered

Chosen Option : 4

Q.6 Select the Venn diagram that best represents the relationship between the following classes.

Teachers, Graduates, Tennis players

- Ans
1.



2.



3.



4.



Question ID : 6549787080

Status : Answered

Chosen Option : 3

Q.7 Three different positions of the same dice are shown. Select the number that will be on the face opposite to the face having 6.



- Ans
1. 2

2. 4

3. 3

4. 1

Question ID : 6549787074

Status : Answered

Chosen Option : 1

Q.8 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 : 6549787075

Status : Answered

Chosen Option : 2

Q.9 Select the option that is related to the third word in the same way as the second word is related to the first word.

Galvanometer : Electric current : : Graphometer : ?

1. Angles
2. Oscillations
3. Altitudes
4. Humidity

Question ID : 6549787875

Status : Answered

Chosen Option : 1

Q.10 In a certain code language, PROUD is written as WYJPK. How will GUILTY be written in that language?

1. BPBOGT
2. NDPASF
3. NPDSAF
4. BBPGOT

Question ID : 6549787872

Status : Answered

Chosen Option : 1

Q.11

From the given options choose the one in which the set of numbers do not follow the same Logic/Rule/Relation as the numbers given in below set.

(32, 16, 96)

Ans

✖

1. (42, 21, 126)

✖

2. (26, 13, 78)

✖

3. (36, 18, 108)

✔

4. (22, 11, 68)

Question ID : 6549787867

Status : Answered

Chosen Option : 2

Q.12

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

185 : 199

Ans

✖

1. 139 : 152

✖

2. 174 : 187

✖

3. 126 : 134

✔

4. 89 : 106

Question ID : 6549787058

Status : Not Answered

Chosen Option : --

Q.13

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

Power : Watt

Ans

✖

1. Current : Volt

✖

2. Force : Pascal

✖

3. Volume : Pound

✔

4. Resistance : Ohm

Question ID : 6549787070

Status : Answered

Chosen Option : 4

Q.14

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

4, 5, 13, 22, 86, 111, ?

Ans

✔

1. 327

✖

2. 427

✖

3. 247

✖

4. 237

Question ID : 6549787869

Status : Answered

Chosen Option : 1

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11/27

Q.15 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different. Ans ✓ 1. 348 ✗ 2. 231 ✗ 3. 252 ✗ 4. 217	Question ID : 6549787062 Status : Answered Chosen Option : 4
Q.16 A driver increases the speed of his vehicle by 5 km/h after every one hour. If the initial speed of the vehicle was 75 km/h, then what was the average speed of the vehicle in a journey of 4 hours? Ans ✓ 1. 82.5 km/h ✗ 2. 83.75 km/h ✗ 3. 83 km/h ✗ 4. 82km/h	Question ID : 6549787056 Status : Answered Chosen Option : 1
Q.17 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: All plots are flats. All flats are hotels. Some hotels are restaurants. Conclusions: I. Some restaurants are flats. II. Some hotels are plots. III. No plot is a restaurant. Ans ✗ 1. Only conclusion I follows . ✓ 2. Only conclusion II follows . ✗ 3. Both conclusions I and II follow . ✗ 4. Both conclusions II and III follow .	Question ID : 6549787881 Status : Answered Chosen Option : 2
Q.18 Select the option that is related to the third term in the same way as the second term is related to the first term. AMIDST : AIMDST : : SYNTAX : ? Ans ✗ 1. SNYATX ✗ 2. NYSTAX ✗ 3. SANYTX ✓ 4. NSYATX	Question ID : 6549787874 Status : Marked For Review Chosen Option : 1

Q.19 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 : 6549787886

Status : Answered

Chosen Option : 4

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

p l _ p p _ s p _ l s p p l _ p

- ✗ 1.

s p p l
- ✓ 2.

s l p s
- ✗ 3.

l s l p
- ✗ 4.

p l s p

Question ID : 6549786159

Status : Answered

Chosen Option : 2

Q.21 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

- ✗ 1.

Fluster
- ✗ 2.

Confound
- ✗ 3.

Agitate
- ✓ 4.

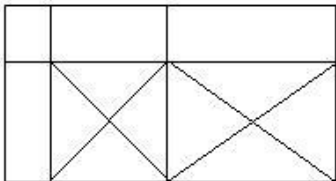
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Question ID : 6549787880

Status : Answered

Chosen Option : 3

Q.22 How many rectangles are there in the given figure?



- Ans
- ☒

1. 18
- ☐

2. 20
- ☐

3. 16
- ☐

4. 19

Question ID : 6549787076

Status : Answered

Chosen Option : 4

Q.23 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(2194, 1328, 726)

- Ans
- ☐

1. (1170, 570, 228)
- ☐

2. (1560, 1131, 551)
- ☐

3. (1406, 962, 390)
- ☒

4. (1725, 997, 509)

Question ID : 6549787060

Status : Not Answered

Chosen Option : --

Q.24 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

ARISTOCRAT

P

Q

- Ans
- ☐

1. VBI2LOCBVL
- ☐

2. VBI2LCOBVL
- ☐

3. TAJOCOT2IRA
- ☒

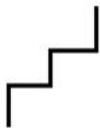
4. TAJOCOT2IRA

Question ID : 6549787887

Status : Answered

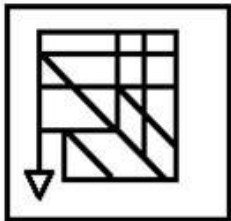
Chosen Option : 4

Q.25 Select the option in which the given figure is embedded (rotation is NOT allowed).

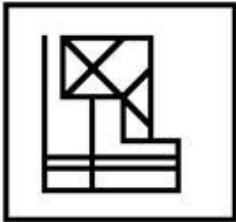


Ans

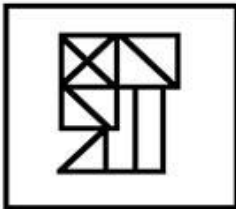
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 6549787885

Status : Answered

Chosen Option : 1

Section : Quantitative Aptitude

Q.1 When $(2^{24} - 1)$ is divided by 7, the remainder is:

✗ 1. 2

✓ 2. 0

✗ 3. 4

✗ 4. 1

Question ID : 6549787097

Status : Answered

Chosen Option : 2

Q.2

- Ans
1.

−4

2.

−2

3.

3

4.

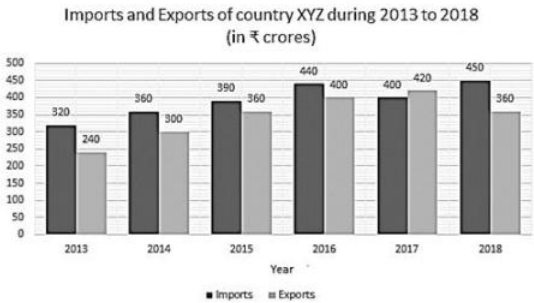
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Question ID : 6549787904

Status : Answered

Chosen Option : 4

Q.3 Study the given graph and answer the question that follows.



By what percentage is the total exports in 2014 and 2016 less than the total imports in the same two years?

- Ans
1.

12.5

2.

12.9

3.

14.3

4.

11.25

Question ID : 6549786599

Status : Answered

Chosen Option : 1

Q.4 In a circle with centre O , chord AB and diameter CD intersect each other at point E , inside the circle. If $\angle AOD = 42^\circ$ and $\angle BOC = 104^\circ$, then what is the measure (in degrees) of $\angle AED$?

- Ans
1.

73

2.

62

3.

58

4.

84

Question ID : 6549787899

Status : Answered

Chosen Option : 1

Q.5 If $x^2 - 3\sqrt{2}x + 1 = 0$, then what is the value of $x^3 + \left(\frac{1}{x^3}\right)$?

- Ans
1.

$30\sqrt{6}$

2.

$45\sqrt{2}$

3.

$15\sqrt{6}$

4.

$30\sqrt{2}$

Question ID : 6549787903

Status : Answered

Chosen Option : 2

Q.6 If $x^2 + 1 - 2x = 0$, $x > 0$, then $x^2(x^2 - 2) =$ _____.

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

Question ID : 6549787094
Status : Answered
Chosen Option : 3

Q.7 Chords AB and CD of a circle intersect externally at P. If CD = 11.6 cm, PD = 6.4 cm and PB = 7.2 cm, then AB (in cm) is equal to:

- Ans
- ☐ 1. 12
 - ☐ 2. 16
 - ☒ 3. 8.8
 - ☐ 4. 4.8

Question ID : 6549787090
Status : Answered
Chosen Option : 3

Q.8 If $2\cos^2 \theta = 3(1 - \sin \theta)$, $0^\circ < \theta < 90^\circ$, then what is the value of $(\tan 2\theta + \operatorname{cosec} 3\theta - \sec 2\theta)$?

- Ans
- ☐ 1. $\sqrt{3} + 1$
 - ☒ 2. $\sqrt{3} - 1$
 - ☐ 3. $\frac{1+\sqrt{3}}{\sqrt{3}}$
 - ☐ 4. $\frac{1-\sqrt{3}}{\sqrt{3}}$

Question ID : 6549787909
Status : Answered
Chosen Option : 2

Q.9 The value of $8 \div 2 \text{ of } 3 - [56 \div 4 \text{ of } \{4 \times 3 - (9 - 11) \div (2 \div 4 \text{ of } 4)\}]$ is:

- Ans
- ☐ 1. $\frac{11}{6}$
 - ☒ 2. $\frac{5}{6}$
 - ☐ 3. $\frac{4}{3}$
 - ☐ 4. $\frac{1}{2}$

Question ID : 6549787906
Status : Answered
Chosen Option : 2

Q.10

The perimeters of two similar triangles ABC and PQR are 156 cm and 46.8 cm, respectively. If BC = 19.5 cm and QR = x cm, then the value of x is:

Ans

✓

1.

5.85 cm

✗

2.

6.75 cm

✗

3.

3.76 cm

✗

4.

4.29 cm

Question ID : 6549787092

Status : Answered

Chosen Option : 1

Q.11

A can complete a certain work in 30 days. He started the work. After 4 days, B joined him and the whole work was completed in 10 days from the beginning. B alone can complete one-third of the same work in:

Ans

✗

1.

6 days

✓

2.

3 days

✗

3.

4 days

✗

4.

2 days

Question ID : 6549787889

Status : Marked For Review

Chosen Option : 1

Q.12

If the difference between the compound interest compounded annually and the simple interest on a certain sum of money for three years at 10% per annum is ₹279, then the sum (in ₹) is:

Ans

✗

1.

10,000

✗

2.

8,000

✗

3.

7,500

✓

4.

9,000

Question ID : 6549787089

Status : Answered

Chosen Option : 4

Q.13

In $\triangle ABC$, $\angle A = 90^\circ$, $AB = 20$ cm and $BC = 29$ cm. What is the value of $(\sin B - \cot C)$?

Ans

✗

1.

$-\frac{9}{29}$

✓

2.

$-\frac{189}{580}$

✗

3.

$\frac{189}{580}$

✗

4.

$\frac{9}{29}$

Question ID : 6549787907

Status : Answered

Chosen Option : 2

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18/27

Q.14

In a constituency, 55% of the total number of voters are males and the rest are females. If 40% of the males are illiterate and 40% of the females are literate, then by what percentage is the number of illiterate females more than that of the illiterate males (correct to one decimal place)?

Ans

✓

1.

22.7%

✗

2.

16.4%

✗

3.

21.5%

✗

4.

20.8%

Question ID : 6549787086

Status : Not Answered

Chosen Option : --

Q.15

By selling 3 dozen oranges for ₹405, a trader loses 25%. How many oranges should he sell for ₹288 if he needs to earn a profit of 20% in the transaction?

Ans

✗

1.

18

✗

2.

15

✓

3.

16

✗

4.

12

Question ID : 6549787895

Status : Not Answered

Chosen Option : --

Q.16

X and Y start at the same time to ride from place A to place B, which is 80 km away from A. X travels 4 km per hour slower than Y. Y reaches place B and at once turns back meeting X, 16 km from place B. Y's speed (in km/h) is:

Ans

✗

1.

9

✗

2.

15

✗

3.

8

✓

4.

12

Question ID : 6549787082

Status : Answered

Chosen Option : 4

Q.17

There are three numbers. If the ratio of the first to the second number is 2 : 7 and that of the second to the third number is 5 : 8, then the ratio of the first to the third number is:

Ans

✗

1.

7 : 8

✓

2.

5 : 28

✗

3.

1 : 4

✗

4.

5 : 7

Question ID : 6549787088

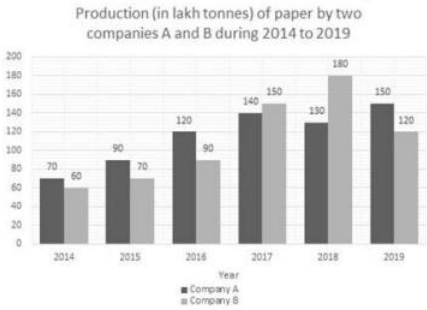
Status : Answered

Chosen Option : 2

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19/27

Q.18 Study the given graph and answer the question that follows.



What is the ratio of the total production of paper by company A in 2016 and 2019 to the total production of paper by company B in 2014 and 2017?

- Ans
- ☒ 1. 9 : 7
- ☐ 2. 3 : 2
- ☐ 3. 5 : 4
- ☐ 4. 8 : 5

Question ID : 6549787910

Status : Answered

Chosen Option : 1

Q.19 BD and CE are the medians of $\triangle ABC$, right angled at A . If $CE = \frac{5\sqrt{13}}{2}$ cm, $BC = 10$ cm, then the length of BD is:

- Ans
- ☐ 1. $3\sqrt{7}$ cm
- ☐ 2. $3\sqrt{5}$ cm
- ☐ 3. $\sqrt{13}$ cm
- ☒ 4. $\frac{5}{2}\sqrt{7}$ cm

Question ID : 6549787901

Status : Answered

Chosen Option : 4

Q.20 The following histogram represents the daily earnings of 50 medical stores in a locality.



The difference between the percentage of medical stores whose daily earnings are less than ₹1,000 and the percentage of medical stores whose daily earnings are ₹1,200 and above is:

- Ans
- ☐ 1. 24%
- ☒ 2. 16%
- ☐ 3. 15%
- ☐ 4. 12%

Question ID : 6549787105

Status : Not Answered

Chosen Option : --

Q.21 The marked price of an article is ₹480. A person buys it at two successive discounts of 15% and 10%. He sells it at a profit of 25%. What is his profit (in ₹)?

- Ans
1.

95.40

2.

90.60

3.

91.80

4.

93.20

Question ID : 6549787893

Status : Answered

Chosen Option : 3

Q.22 The average of 19 numbers is 48. The average of the first 7 numbers is 50.6 and that of the last 13 numbers is 47.6. If the 7th number is excluded, then what is the average of the remaining numbers (correct to one decimal place)?

- Ans
1.

42.4

2.

49.5

3.

39.6

4.

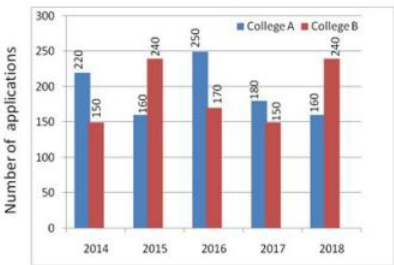
47.3

Question ID : 6549787084

Status : Answered

Chosen Option : 4

Q.23 Study the following bar graph and answer the question given below.
The bar graph represents the total number of applications received for B.Sc. Mathematics by two different colleges A and B in 5 different years.



Find the difference between the average number of applications received by college A from 2014 to 2018 and the average number of applications received by college B from 2014 to 2018?

- Ans
1.

5

2.

4

3.

6

4.

8

Question ID : 6549788821

Status : Answered

Chosen Option : 2

Q.24

As observed from the top of a lighthouse, 42 m high above sea-level, the angle of depression of a ship sailing directly towards it changes from 30° to 45°. The distance travelled by the ship during the period of observation is:

Ans

✖

1.

42(1 − √3)

✖

2.

42(√3 + 1)

✔

3.

42(√3 − 1)

✖

4.

42

Question ID : 6549787100

Status : Answered

Chosen Option : 3

Q.25

What is the cost (in ₹) of levelling a triangular park with sides 60 m , 112 m and 164 m at the rate of ₹10.50 per m² ?

Ans

✖

1.

21,063

✖

2.

20,160

✔

3.

21,168

✖

4.

21,000

Question ID : 6549787891

Status : Not Answered

Chosen Option : --

Section : General Awareness

Q.1

According to which of the following Schedules to the Constitution provides for allocation of seats to the states and union territories in Rajya Sabha?

Ans

✔

1.

Fourth

✖

2.

Sixth

✖

3.

Seventh

✖

4.

Second

Question ID : 6549787935

Status : Answered

Chosen Option : 2

Q.2

Which of the following rivers rises in the west of Rohtang Pass in the Kullu hills of Himachal Pradesh and flows through the Chamba valley of the state?

Ans

✖

1.

Satluj

✔

2.

Ravi

✖

3.

Beas

✖

4.

Chenab

Question ID : 6549787121

Status : Answered

Chosen Option : 1

Q.3 How many Rajya Sabha seats come from the state of Assam? Ans ✓ 1. 7 ✗ 2. 15 ✗ 3. 9 ✗ 4. 18 Question ID : 6549787126 Status : Answered Chosen Option : 1
Q.4 In which of the following years was the Cornwallis Code enacted? Ans ✗ 1. 1857 ✓ 2. 1793 ✗ 3. 1805 ✗ 4. 1723 Question ID : 6549787930 Status : Answered Chosen Option : 2
Q.5 Which of the following is the full form of EBCDIC? Ans ✓ 1. Extended Binary-Coded-Decimal Interchange Code ✗ 2. Extended Binary-Control-Device Interchange Code ✗ 3. Electronic Binary-Coded-Device Interchange Code ✗ 4. Electronic Binary-Control-Decimal Interchange Code Question ID : 6549787915 Status : Answered Chosen Option : 3
Q.6 Which of the following factors is NOT responsible for the loss of fertility of agricultural land? Ans ✗ 1. Salinisation of soil ✓ 2. Higher cation exchange capacity of soil ✗ 3. Alkalisiation of soil ✗ 4. Waterlogging Question ID : 6549787120 Status : Answered Chosen Option : 4
Q.7 Which of the following banks has signed a loan of \$40 million to Northern Arc Capital to support the microfinance borrowers and the MSME sectors in India? Ans ✗ 1. AIIB ✗ 2. World Bank ✗ 3. IMF ✓ 4. ADB Question ID : 6549787922 Status : Not Answered Chosen Option : --

Q.8 Which of the following devices accepts the results produced by the computer in a machine-readable form? Ans 1. Microphone 2. Printer 3. Graphics tablet 4. Mouse	Question ID : 6549787106 Status : Answered Chosen Option : 2
Q.9 Kuldeep Handoo has won the Dronacharya Award in 2020. He belongs to which of the following sports? Ans 1. Wushu 2. Swimming 3. Boxing 4. Wrestling	Question ID : 6549787937 Status : Not Answered Chosen Option : --
Q.10 Which of the following is one of the basic plant nutrients of fertilizers that are commonly used in agriculture? Ans 1. Sodium 2. Mercury 3. Arsenic 4. Potassium	Question ID : 6549787923 Status : Answered Chosen Option : 4
Q.11 Who among the following has written the novel 'The Awasthis of Aamnagri'? Ans 1. Shubha Sharma 2. Debashish Panigrahi 3. Sarabjit Singh 4. Chetan Bhagat	Question ID : 6549787932 Status : Not Answered Chosen Option : --
Q.12 The 'SAKSHAM' campaign launched by the Government of India in January 2021 aims to spread awareness about _____. Ans 1. adoption of cleaner fuels 2. empowerment of women 3. protection of girl child 4. education for children	Question ID : 6549787111 Status : Answered Chosen Option : 2

Q.13 Who among the following footballers won the 'Best FIFA Men's Player Award' 2020? Ans ✖ 1. Lionel Messi ✖ 2. Cristiano Ronaldo ✔ 3. Robert Lewandowski ✖ 4. Raheem Sterling Question ID : 6549787128 Status : Answered Chosen Option : 2
Q.14 Shigmotsav is essentially a festival of the masses, celebrated on the full moon day in the month of Phalguna (March). Which state celebrates this festival? Ans ✖ 1. Haryana ✖ 2. Meghalaya ✖ 3. Sikkim ✔ 4. Goa Question ID : 6549787917 Status : Answered Chosen Option : 3
Q.15 India has engaged actively in the multilateral negotiations in the UNFCCC. What is the full form of UNFCCC? Ans ✖ 1. United Nations Framework of Central Climate Change ✖ 2. United Nations Fellowship of Central Climate Change ✔ 3. United Nations Framework Convention on Climate Change ✖ 4. United Nations Fellowship Convention on Climate Change Question ID : 6549787925 Status : Answered Chosen Option : 1
Q.16 Suryadhar lake is located in which of the following states? Ans ✖ 1. Himachal Pradesh ✖ 2. Arunachal Pradesh ✔ 3. Uttarakhand ✖ 4. Meghalaya Question ID : 6549787926 Status : Not Answered Chosen Option : --
Q.17 Which of the followings sports was added to the Asian Beach Games Program 2021 as of December 2020? Ans ✔ 1. Athletics ✖ 2. Aquatics ✖ 3. Basketball ✖ 4. Coastal Rowing Question ID : 6549787130 Status : Not Answered Chosen Option : --

Q.18 In which of the following states is Buxa National Park situated? Ans 1. Punjab 2. Haryana 3. Karnataka 4. West Bengal Question ID : 6549787927 Status : Answered Chosen Option : 4
Q.19 Which of the following states Government has unveiled the 'Farmer Registration and Unified beneficiary Information System' (FRUITS), an e-governance portal, to create a repository of farmland information and farm loan details on a single platform? Ans 1. Karnataka 2. Tamil Nadu 3. Kerala 4. Chhattisgarh Question ID : 6549787920 Status : Not Answered Chosen Option : --
Q.20 In which of the following cities was India's first indigenously designed and developed driverless metro car unveiled in January 2021? Ans 1. Delhi 2. Chennai 3. Kolkata 4. Bengaluru Question ID : 6549787110 Status : Answered Chosen Option : 4
Q.21 Who among the following were awarded the Nobel Prize 2020 in Economics Sciences? Ans 1. James J Heckman and Daniel L McFadden 2. Paul R Milgrom and Robert B Wilson 3. William Vickrey and James A Mirrlees 4. Robert W Fogel and Douglass C North Question ID : 6549787125 Status : Not Answered Chosen Option : --
Q.22 Which of the following battles did Maulvi Ahmadullah Shah fight, defeating the forces under Henry Lawrence? Ans 1. Battle of Kintoor 2. Battle of Saragarhi 3. Battle of Chinhat 4. Battle of Najafgarh Question ID : 6549787123 Status : Not Answered Chosen Option : --

Q.23 Which of the following is used as a primary means of implementing the monetary policy of the Reserve Bank of India?

Ans

✓

1. Repo rate

✗

2. Call money

✗

3. Mumbai Interbank Offer Rate

✗

4. Promissory notes

Question ID : 6549787113

Status : Answered

Chosen Option : 1

Q.24 In which of the following states is Sri Bhramaramba Mallikarjuna Temple located?

Ans

✓

1. Andhra Pradesh

✗

2. Odisha

✗

3. Maharashtra

✗

4. Tamil Nadu

Question ID : 6549787108

Status : Not Answered

Chosen Option : --

Q.25 Which of the following diseases is caused by Helicobacter pylori?

Ans

✓

1. Gastritis

✗

2. Ringworm

✗

3. Chikungunya

✗

4. Rubella

Question ID : 6549787116

Status : Not Answered

Chosen Option : --

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