

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	www.exammix.com
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Exam Date	12/04/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 Given below are four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. There he brought them up as his own children.
 B. He took them away to his hut.
 C. He found the two children and the basket.
 D. One day an old man came to the jungle.

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

Question ID : 6549786536

Status : Answered

Chosen Option : 2

Q.2 Select the most appropriate meaning of the underlined idiom in the given sentence.

The eradication of corona virus is still a far cry.

- Ans ☒ 1. very near
☒ 2. very easy
☒ 3. very fast
☒ 4. very distant

Question ID : 6549789470

Status : Answered

Chosen Option : 1

Q.3 Select the INCORRECTLY spelt word.

- Ans ☒ 1. instead
☒ 2. install
☒ 3. instanse
☒ 4. inspire

Question ID : 6549786543

Status : Answered

Chosen Option : 3

Q.4 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'.

The house has been auction before we reached there.

- Ans
- ☒ 1. No substitution
 - ☒ 2. was auctioning
 - ☒ 3. had been auctioned
 - ☒ 4. has been auctioned

Question ID : 6549786537
Status : Answered
Chosen Option : 3

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

RESOLVE

- Ans
- ☒ 1. analyse
 - ☒ 2. refuse
 - ☒ 3. decide
 - ☒ 4. agree

Question ID : 6549786540
Status : Answered
Chosen Option : 2

Q.6 Select the most appropriate antonym of the given word.

PRECIOUS

- Ans
- ☒ 1. costly
 - ☒ 2. simple
 - ☒ 3. rare
 - ☒ 4. cheap

Question ID : 6549789468
Status : Answered
Chosen Option : 4

Q.7 Select the most appropriate one-word substitution for the given words.

speed greater than that of sound

- Ans
- ☒ 1. harmonic
 - ☒ 2. cacophonic
 - ☒ 3. supersonic
 - ☒ 4. subsonic

Question ID : 6549789475
Status : Answered
Chosen Option : 3

Q.8 Select the most appropriate synonym of the given word.

PRUDENT

- Ans ☒ 1. reckless
☒ 2. rude
☒ 3. hasty
☒ 4. cautious

Question ID : 6549789476
Status : Answered
Chosen Option : 1

Q.9 Select the option which means the same as the group of words given.

A place where Buddhist monks live

- Ans ☒ 1. monastery
☒ 2. pagoda
☒ 3. stupa
☒ 4. temple

Question ID : 6549786545
Status : Answered
Chosen Option : 3

Q.10 Given below are four sentences in jumbled order. Select the option that gives their correct order.

- A. This flight takes place on a hot summer day.
B. It has a pair of wings but bites them off after its 'wedding' flight.
C. In the heat, the queen leaves the nest and goes out to meet a drone, high up in the air.
D. The queen is the mother of the entire population of a colony of ants.

- Ans ☒ 1. CABD
☒ 2. BACD
☒ 3. DBAC
☒ 4. ACBD

Question ID : 6549789464
Status : Answered
Chosen Option : 3

Q.11 Fill in the blank with most appropriate word.

_____ of adulterated food stuff being sold in the market.

- Ans ☒ 1. Wary
☒ 2. Beware
☒ 3. Aware
☒ 4. Cautious

Question ID : 6549789478
Status : Answered
Chosen Option : 2

Q.12 Select the correct passive form of the given sentence.

The prisoners of this jail have woven these carpets.

- Ans
- ☒ 1. The prisoners have been woven by these carpets of this jail.
 - ☒ 2. These carpets have been woven by the prisoners of this jail.
 - ☒ 3. These carpets were woven by the prisoners of this jail.
 - ☒ 4. These carpets wove the prisoners of this jail.

Question ID : 6549786525
Status : Answered
Chosen Option : 2

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

The gardener said to the children, "Please do not pluck any flowers."

- Ans
- ☒ 1. The gardener requested the children not to pluck any flowers.
 - ☒ 2. The gardener told to the children to kindly not pluck any flowers.
 - ☒ 3. The gardener ordered the children to not pluck any flowers.
 - ☒ 4. The gardener requested to the children please do not pluck any flowers.

Question ID : 6549789455
Status : Answered
Chosen Option : 1

Q.14 In the given sentence, identify the segment which contains a grammatical error.

Why didn't you submitted your project on time?

- Ans
- ☒ 1. you submitted
 - ☒ 2. your project
 - ☒ 3. Why didn't
 - ☒ 4. on time

Question ID : 6549789456
Status : Answered
Chosen Option : 1

Q.15 In the given sentence, identify the segment which contains the grammatical error.

Electric heaters were providing to all the officers at the guest house.

- Ans
- ☒ 1. at the guest house
 - ☒ 2. were providing
 - ☒ 3. to all the officers
 - ☒ 4. Electric heaters

Question ID : 6549786528
Status : Answered
Chosen Option : 2

Q.16 Select the most appropriate synonym of the given word.

STRETCH

- Ans ☒ 1. extend
☐ 2. cease
☐ 3. close
☐ 4. compress

Question ID : 6549786548
Status : Answered
Chosen Option : 1

Q.17 Select the most appropriate meaning of the given idiom.

Living in a fool's paradise

- Ans ☒ 1. To believe wrongly that your situation is good
☐ 2. To be fooled by someone
☐ 3. To live in luxuriously after fooling someone
☐ 4. To live in a world of imagination

Question ID : 6549786542
Status : Answered
Chosen Option : 4

Q.18 Select the misspelt word.

- Ans ☐ 1. parachute
☐ 2. partner
☒ 3. tarriff
☐ 4. sergeant

Question ID : 6549789473
Status : Answered
Chosen Option : 4

Q.19 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'.

Supriya as well as her friends have gone of a trekking expedition.

- Ans ☐ 1. have gone on
☒ 2. has gone on
☐ 3. No substitution
☐ 4. are going at

Question ID : 6549789467
Status : Answered
Chosen Option : 1

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

I should have stopped them then and there. But it never even _____ to me that I should.

- Ans
- ☒ 1. suggested
 - ☒ 2. happened
 - ☒ 3. occurred
 - ☒ 4. reminded

Question ID : 6549786550

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.

Before the giant waves slammed into the coast in India and Sri Lanka, wild and domestic animals (1) _____ to know what was about to happen. (2) _____ fled to safety. According to eyewitness (3) _____, elephants screamed and ran for (4) _____ grounds, dogs refused to go outdoors, flamingoes abandoned (5) _____ low-lying breeding areas and zoo animals rushed into their shelters.

SubQuestion No : 21

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

- Ans
- ☒ 1. were seemed
 - ☒ 2. seeming
 - ☒ 3. seem
 - ☒ 4. seemed

Question ID : 6549786530

Status : Answered

Chosen Option : 3

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.

Before the giant waves slammed into the coast in India and Sri Lanka, wild and domestic animals (1) _____ to know what was about to happen. (2) _____ fled to safety. According to eyewitness (3) _____, elephants screamed and ran for (4) _____ grounds, dogs refused to go outdoors, flamingoes abandoned (5) _____ low-lying breeding areas and zoo animals rushed into their shelters.

SubQuestion No : 22

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

- Ans
- ☒ 1. They
 - ☒ 2. Them
 - ☒ 3. Us
 - ☒ 4. We

Question ID : 6549786531

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.

Before the giant waves slammed into the coast in India and Sri Lanka, wild and domestic animals (1) _____ to know what was about to happen. (2) _____ fled to safety. According to eyewitness (3) _____, elephants screamed and ran for (4) _____ grounds, dogs refused to go outdoors, flamingoes abandoned (5) _____ low-lying breeding areas and zoo animals rushed into their shelters.

SubQuestion No : 23

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

- Ans ☒ 1. statement
☒ 2. accounts
☒ 3. narrations
☒ 4. explanations

Question ID : 6549786532

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.

Before the giant waves slammed into the coast in India and Sri Lanka, wild and domestic animals (1) _____ to know what was about to happen. (2) _____ fled to safety. According to eyewitness (3) _____, elephants screamed and ran for (4) _____ grounds, dogs refused to go outdoors, flamingoes abandoned (5) _____ low-lying breeding areas and zoo animals rushed into their shelters.

SubQuestion No : 24

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

- Ans ☒ 1. highest
☒ 2. high
☒ 3. more high
☒ 4. higher

Question ID : 6549786533

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.

Before the giant waves slammed into the coast in India and Sri Lanka, wild and domestic animals (1) _____ to know what was about to happen. (2) _____ fled to safety. According to eyewitness (3) _____, elephants screamed and ran for (4) _____ grounds, dogs refused to go outdoors, flamingoes abandoned (5) _____ low-lying breeding areas and zoo animals rushed into their shelters.

SubQuestion No : 25

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

- Ans ☒ 1. our
☒ 2. theirs
☒ 3. their
☒ 4. her

Question ID : 6549786534

Status : Answered

Chosen Option : 3

Q.1 P and Q are husband and wife. P's father-in-law is R's wife's father. Q is the brother of T. How is P related to R's wife?

- Ans
- ☒ 1. Aunt
 - ☒ 2. Cousin
 - ☒ 3. Sister-in-law
 - ☒ 4. Brother

Question ID : 6549789788

Status : Not Answered

Chosen Option : --

Q.2 How many triangles are there in the figure given below?



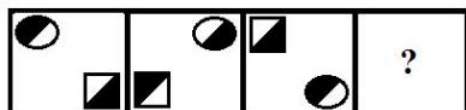
- Ans
- ☒ 1. 11
 - ☒ 2. 14
 - ☒ 3. 12
 - ☒ 4. 13

Question ID : 6549789500

Status : Answered

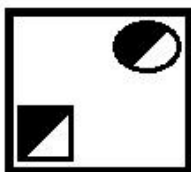
Chosen Option : 4

Q.3 Select the figure that will come next (in place of the question mark [?]) in the following figure series.

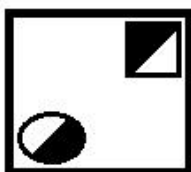


Ans

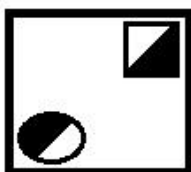
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 6549789499

Status : Answered

Chosen Option : 2

Q.4 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.

Spoon : Utensil

Ans

✓ 1. Scooter : Vehicle

✗ 2. Bus : Passenger

✗ 3. House : Expenditure

✗ 4. Kitchen : Cooking

Question ID : 6549789494

Status : Answered

Chosen Option : 1

Q.5 Vijay is 8 years younger than Amit. The sum of the current ages of Vijay and Amit is 42 years. What is the current age of Vijay?

Ans

✓ 1. 17 years

✗ 2. 25 years

✗ 3. 21 years

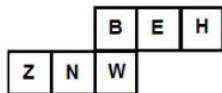
✗ 4. 15 years

Question ID : 6549789480

Status : Answered

Chosen Option : 1

Q.6 Which letter will be on the face opposite to the one showing 'N' when the given sheet is folded to form a cube?



- Ans
- ☒ 1. H
 - ☒ 2. Z
 - ☒ 3. B
 - ☒ 4. E

Question ID : 6549789498

Status : Answered

Chosen Option : 4

Q.7 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 camels are doves.
Some doves are eagles.

Conclusions:

- I. All camels are eagles.
- II. Some camels are eagles.
- III. Some eagles are doves.
- IV. Some doves are camels.

- Ans
- ☒ 1. Both conclusions II and III follow .
 - ☒ 2. Both conclusions III and IV follow .
 - ☒ 3. Both conclusions I and II follow .
 - ☒ 4. Both conclusions I and IV follow .

Question ID : 6549786568

Status : Answered

Chosen Option : 2

Q.8 Select the option that is related to the third number in the same way as the second number is related to the first number.

25 : 750 :: 30 : ?

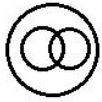
- Ans
- ☒ 1. 1110
 - ☒ 2. 1275
 - ☒ 3. 1625
 - ☒ 4. 1050

Question ID : 6549789482

Status : Not Answered

Chosen Option : --

Q.9 Which of the following combinations of words best represents the Venn diagram given below?



- Ans
- ☒ 1. Fathers, Doctors, Males
 - ☒ 2. Females, Males, Aunts
 - ☒ 3. Females, Daughters, Sisters
 - ☒ 4. Mothers, Sisters, Brothers

Question ID : 6549789504
Status : Answered
Chosen Option : 3

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

a _ _ gb _ _ acegb _ _ aceg _ _ _

- Ans
- ☒ 1. ddfbcedf
 - ☒ 2. cedfdfbdf
 - ☒ 3. fdfbdfced
 - ☒ 4. cefbdfdfd

Question ID : 6549788684
Status : Not Answered
Chosen Option : --

Q.11 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 4, 5, 19, 71, ?

- Ans
- ☒ 1. 361
 - ☒ 2. 316
 - ☒ 3. 216
 - ☒ 4. 261

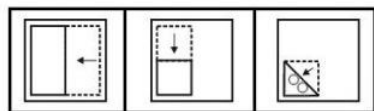
Question ID : 6549786556
Status : Not Answered
Chosen Option : --

Q.12 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- ☒ 1. 5 : 65
 - ☒ 2. 8 : 104
 - ☒ 3. 12 : 146
 - ☒ 4. 11 : 143

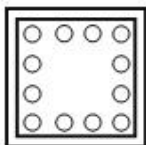
Question ID : 6549789486
Status : Answered
Chosen Option : 3

Q.13 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?

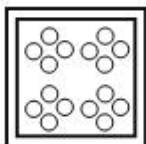


Ans

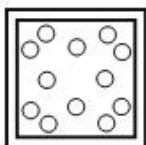
✗ 1.



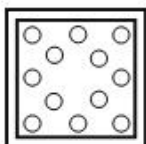
✓ 2.



✗ 3.



✗ 4.



Question ID : 6549786573

Status : Answered

Chosen Option : 2

Q.14 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Rubric
2. Ruminare
3. Rose
4. Reader
5. Reap

Ans

✓ 1. 4, 5, 3, 1, 2

✗ 2. 4, 3, 5, 1, 2

✗ 3. 4, 5, 3, 2, 1

✗ 4. 4, 5, 1, 3, 2

Question ID : 6549789487

Status : Answered

Chosen Option : 1

Q.15 Select the option in which the numbers share the same relationship as that shared by the numbers of the given set.

(8, 44, 224)

Ans

✓ 1. (11, 59, 299)

✗ 2. (9, 80, 312)

✗ 3. (15, 75, 301)

✗ 4. (7, 39, 190)

Question ID : 6549789484

Status : Answered

Chosen Option : 4

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

SLIM : MHQO :: COLD : ?

- Ans
- ☒ 1. GPZK
 - ☒ 2. GKPZ
 - ☒ 3. GPKZ
 - ☒ 4. GZPK

Question ID : 6549786561

Status : Answered

Chosen Option : 1

Q.17 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

STRUCTURE

- Ans
- ☒ 1. 2LKCULKE
 - ☒ 2. 2LKCULKE
 - ☒ 3. EYUTCTRE
 - ☒ 4. EYUTCTRE

Question ID : 6549786574

Status : Answered

Chosen Option : 4

Q.18 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(57, 126, 199)

- Ans
- ☒ 1. (75, 148, 217)
 - ☒ 2. (29, 96, 168)
 - ☒ 3. (63, 132, 205)
 - ☒ 4. (43, 112, 178)

Question ID : 6549786554

Status : Not Answered

Chosen Option : --

Q.19 In a code language, if SEND is written as 168, then how will PURSE be written in the same language?

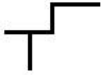
- Ans
- ☒ 1. 185
 - ☒ 2. 225
 - ☒ 3. 395
 - ☒ 4. 415

Question ID : 6549789489

Status : Not Answered

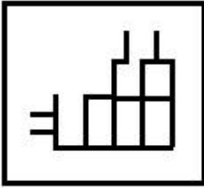
Chosen Option : --

Q.20 Select the option in which the given figure is embedded (rotation is NOT allowed).

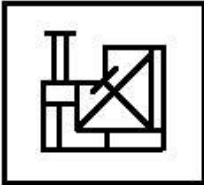


Ans

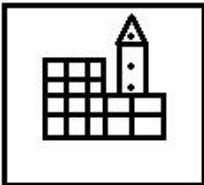
☒ 1.



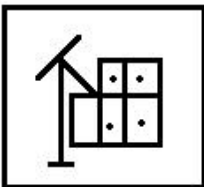
☒ 2.



☒ 3.



☒ 4.



Question ID : 6549786572

Status : Answered

Chosen Option : 2

Q.21 In a certain code language, BEYOND is written as BDFNPY. How will PROMISE be written in that language?

Ans

☒ 1. FJNPQSR

☒ 2. ESIMORP

☒ 3. EIMOPRS

☒ 4. FJMPPRS

Question ID : 6549786559

Status : Not Answered

Chosen Option : --

Q.22 Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.

Ans

☒ 1. LPT

☒ 2. GKO

☒ 3. QUY

☒ 4. HLQ

Question ID : 6549789495

Status : Answered

Chosen Option : 4

Q.23 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. Equivocal
 - ☒ 2. Hesitant
 - ☒ 3. Ambivalent
 - ☒ 4. Certain

Question ID : 6549786567
Status : Answered
Chosen Option : 4

Q.24 Select the option that is related to the third word in the same way as the second word is related to the first word.

Ohmmeter : Resistance : : Zymometer : ?

- Ans
- ☒ 1. Viscosity
 - ☒ 2. Density
 - ☒ 3. Fermentation
 - ☒ 4. Radiation

Question ID : 6549786562
Status : Not Answered
Chosen Option : --

Q.25 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.

$$14 * 11 * 552 * 23 * 29 = 159$$

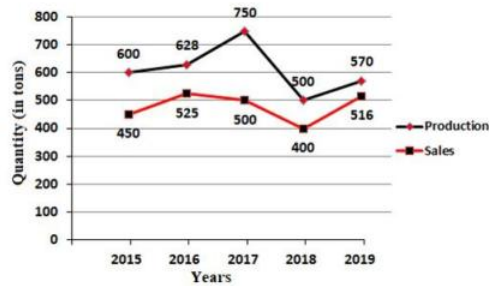
- Ans
- ☒ 1. $\times, +, \div, -$
 - ☒ 2. $\times, -, \div, +$
 - ☒ 3. $\times, \div, -, +$
 - ☒ 4. $+, -, \div, \times$

Question ID : 6549786552
Status : Not Answered
Chosen Option : --

Section : Quantitative Aptitude

Q.1 The line graph shows the production (in tonnes) and the sales (in tonnes) of a company.

What percentage (approximately) of the total production of the company is the total sales of the company in all the years together? (correct to 2 decimal places)



- Ans
- ☒ 1. 75
 - ☒ 2. 72.55
 - ☒ 3. 68.12
 - ☒ 4. 78.44

Question ID : 6549789529

Status : Not Answered

Chosen Option : --

Q.2 If $\operatorname{cosec} \theta = \frac{\sqrt{5}}{2}$, then what will be the value of $(\sec \theta + \tan \theta - \cot \theta \sin \theta)$?

- Ans
- ☒ 1. $2 + \frac{4\sqrt{5}}{5}$
 - ☒ 2. $2 + \sqrt{5}$
 - ☒ 3. $2 + \frac{\sqrt{5}}{2}$
 - ☒ 4. $2 + \frac{2\sqrt{5}}{5}$

Question ID : 6549786594

Status : Not Answered

Chosen Option : --

Q.3 One diagonal of a rhombus is $8\sqrt{3}$ cm. If the other diagonal is equal to its side, then the area (in cm^2) of the rhombus is:

- Ans
- ☒ 1. $12\sqrt{3}$
 - ☒ 2. $24\sqrt{3}$
 - ☒ 3. $16\sqrt{3}$
 - ☒ 4. $32\sqrt{3}$

Question ID : 6549786578

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 The average weight of 30 persons of group A is 3 kg more than the average weight of 25 persons of group B. The average weight of 25 persons of group B is 2.5 kg more than the average weight of 20 persons of group C. If the total weight of 30 persons of group A is 1725 kg, then what will be the average weight of the persons of group A and group C taken together (in kg)?

- Ans**
- ✓ 1. 55.3
 - ✗ 2. 55.4
 - ✗ 3. 55.1
 - ✗ 4. 55

Question ID : 6549789508

Status : Not Answered

Chosen Option : --

Q.5 In $\triangle ABC$, $\angle A = 135^\circ$, $CA = 5\sqrt{2}$ cm and $AB = 7$ cm. E and F are the midpoints of sides AC and AB , respectively. The length of EF (in cm) is:

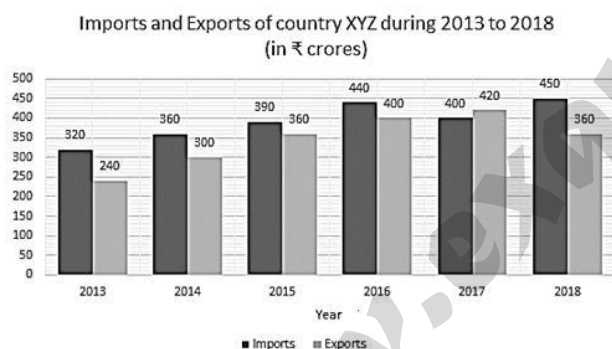
- Ans**
- ✓ 1. 6.5
 - ✗ 2. 5.5
 - ✗ 3. 6
 - ✗ 4. 5

Question ID : 6549786588

Status : Not Answered

Chosen Option : --

Q.6 Study the given graph and answer the question that follows.



What is the ratio of the total exports in 2014 and 2017 to the total imports in 2015 and 2018?

- Ans**
- ✗ 1. 14 : 15
 - ✗ 2. 3 : 2
 - ✓ 3. 6 : 7
 - ✗ 4. 5 : 6

Question ID : 6549786597

Status : Answered

Chosen Option : 3

Q.7 If $x^2 - 6\sqrt{3}x + 1 = 0$, then the value of $x^3 + \frac{1}{x^2}$ will be:

- Ans
- ☒ 1. $234\sqrt{3}$
 - ☒ 2. $216\sqrt{3}$
 - ☒ 3. $666\sqrt{3}$
 - ☒ 4. $630\sqrt{3}$

Question ID : 6549786590
Status : Not Answered
Chosen Option : --

Q.8 A car covers a distance of 48 km at a speed of 40 km/h and another 52 km with a speed of 65 km/h. What is the average speed of the car (in km/h) for the total distance covered?

- Ans
- ☒ 1. 52.5
 - ☒ 2. 50
 - ☒ 3. 52
 - ☒ 4. 53

Question ID : 6549789506
Status : Answered
Chosen Option : 2

Q.9 Simplify the following expression. $(2x - 3y)^3 - 18xy(2x - 3y)$

- Ans
- ☒ 1. $8x^3 - 27y^3 - 36x^2y - 54xy^2$
 - ☒ 2. $8x^3 - 72x^2y + 108xy^2 - 27y^3$
 - ☒ 3. $8x^3 - 27y^3$
 - ☒ 4. $8x^3 + 108xy^2 - 72x^2y$

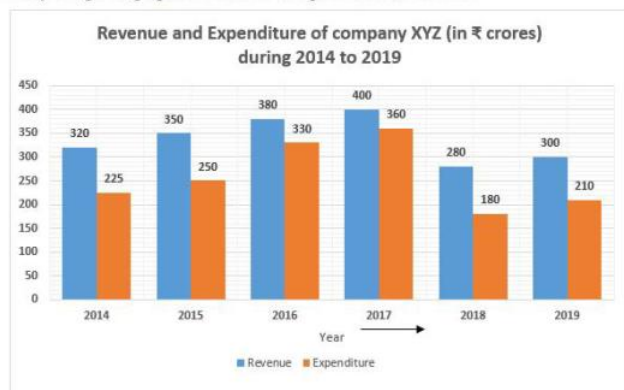
Question ID : 6549789518
Status : Not Answered
Chosen Option : --

Q.10 Anamika paid ₹4,965 as compound interest on a loan of ₹15,000 after 3 years when compounded annually. Suman took a loan of ₹10,000 at the same rate on simple interest. How much interest did Suman pay after 3 years?

- Ans
- ☒ 1. ₹4,500
 - ☒ 2. ₹4,000
 - ☒ 3. ₹3,000
 - ☒ 4. ₹3,500

Question ID : 6549789513
Status : Not Answered
Chosen Option : --

Q.11 Study the given graph and answer the question that follows.



In which year was the percentage increase in the revenue as compared to that in its preceding year below 6%?

- Ans
- ☒ 1. 2015
 - ☒ 2. 2019
 - ☒ 3. 2016
 - ☒ 4. 2017

Question ID : 6549787811

Status : Not Answered

Chosen Option : --

Q.12 If $8\sin^2 \theta + 2\cos \theta = 5$, $0^\circ < \theta < 90^\circ$, then the value of $\tan^2 \theta + \sec^2 \theta - \sin^2 \theta$ will be:

- Ans
- ☒ 1. $\frac{305}{144}$
 - ☒ 2. $\frac{431}{144}$
 - ☒ 3. $\frac{23}{9}$
 - ☒ 4. $\frac{153}{72}$

Question ID : 6549786596

Status : Not Answered

Chosen Option : --

Q.13 Chord AB and diameter CD of a circle meet at the point P , outside the circle when produced. If $PB = 8$ cm, $AB = 12$ cm and the distance of P from the centre of the circle is 18 cm, the radius (in cm) of the circle is closest to:

- Ans
- ☒ 1. 12.8
 - ☒ 2. 12.4
 - ☒ 3. 13
 - ☒ 4. 12

Question ID : 6549786586

Status : Not Answered

Chosen Option : --

Q.14 If $x^4 + y^4 + x^2y^2 = 117$ and $x^2 + y^2 - xy = 3(4 + \sqrt{3})$, then the value of $(x^2 + y^2)$ will be:

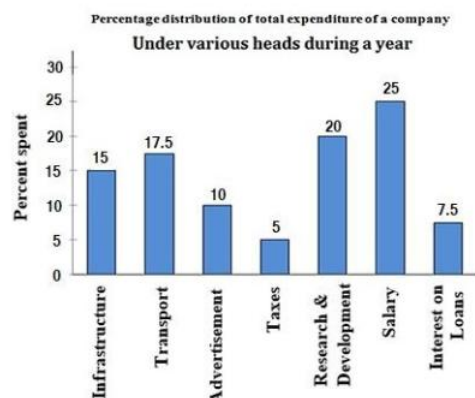
- Ans
- ☒ 1. 9
 - ☒ 2. $6\sqrt{3}$
 - ☒ 3. 12
 - ☒ 4. $13\sqrt{3}$

Question ID : 6549786591

Status : Not Answered

Chosen Option : --

Q.15 Study the given graph and answer the question that follows.



The expenditure on Interest on Loans is by what percentage more than the expenditure on Taxes?

- Ans
- ☒ 1. 30%
 - ☒ 2. 40%
 - ☒ 3. 25%
 - ☒ 4. 50%

Question ID : 6549788214

Status : Not Answered

Chosen Option : --

Q.16 The altitude AD of a triangle ABC is 9 cm. If $AB = 6\sqrt{3}$ cm and $CD = 3\sqrt{3}$ cm, then what will be the measure of $\angle A$?

- Ans
- ☒ 1. 90°
 - ☒ 2. 30°
 - ☒ 3. 45°
 - ☒ 4. 60°

Question ID : 6549789524

Status : Answered

Chosen Option : 4

Q.17 Sulekha bought 36 kg of sugar for ₹1,040. She sold it at a profit equal to the selling price of 10 kg of it. What is the selling price (in ₹) for 5 kg of sugar?

- Ans**
- ☒ 1. 235
 - ☒ 2. 215
 - ☒ 3. 220
 - ☒ 4. 200

Question ID : **6549786582**
 Status : **Not Answered**
 Chosen Option : --

Q.18 Geeta scored 30% and failed by 50 marks, while Sandeep who scored 45% marks, got 25 marks more than the minimum marks required to pass the examination. How many marks did Vimal get if he scored 64% marks?

- Ans**
- ☒ 1. 500
 - ☒ 2. 256
 - ☒ 3. 320
 - ☒ 4. 436

Question ID : **6549789510**
 Status : **Answered**
 Chosen Option : 3

Q.19 A and B can complete a certain task in 24 days and 40 days, respectively. They worked together for 8 days. C completed the remaining task in 14 days. Working together, A and C will complete 75% of the same work in:

- Ans**
- ☒ 1. 10 days
 - ☒ 2. 12 days
 - ☒ 3. 15 days
 - ☒ 4. 9 days

Question ID : **6549786576**
 Status : **Answered**
 Chosen Option : 1

Q.20 In a circle with centre O, a 6 cm long chord is at a distance 4 cm from the centre. Find the length of the diameter.

- Ans**
- ☒ 1. 14 cm
 - ☒ 2. 7 cm
 - ☒ 3. 5 cm
 - ☒ 4. 10 cm

Question ID : **6549789514**
 Status : **Answered**
 Chosen Option : 4

Q.21 A sum of money is divided among A, B and C in the ratio 2 : 3 : 7, respectively. If the share of B is ₹15,000, then what will be the difference in the shares of B and C?

- Ans
- ☒ 1. ₹15,000
 - ☒ 2. ₹20,000
 - ☒ 3. ₹18,000
 - ☒ 4. ₹50,000

Question ID : **6549789512**
 Status : **Answered**
 Chosen Option : 2

Q.22 What is the product of the largest and the smallest possible values of m for which a number $5m83m4m1$ is divisible by 9?

- Ans
- ☒ 1. 80
 - ☒ 2. 10
 - ☒ 3. 40
 - ☒ 4. 16

Question ID : **6549789521**
 Status : **Not Answered**
 Chosen Option : --

Q.23 An article is sold for ₹1,176 after two successive discounts of 30% and 16% on its list price. What is the difference (in ₹) between the list price and the selling price of the article?

- Ans
- ☒ 1. 740
 - ☒ 2. 820
 - ☒ 3. 840
 - ☒ 4. 824

Question ID : **6549786580**
 Status : **Answered**
 Chosen Option : 4

Q.24 The value of $\left(2\frac{1}{2} \div 1\frac{7}{8}\right) \div \left(9\frac{4}{9} \div 11\frac{1}{3} \text{ of } \frac{1}{8}\right) \text{ of } \frac{4}{3} \times 5\frac{1}{3} - \frac{9}{8} \div \frac{3}{4}$ is:

- Ans
- ☒ 1. $\frac{1}{5}$
 - ☒ 2. $-\frac{7}{10}$
 - ☒ 3. $\frac{23}{10}$
 - ☒ 4. $-\frac{4}{5}$

Question ID : **6549786593**
 Status : **Not Answered**
 Chosen Option : --

Q.25 In $\triangle ABC$, AD is a median. If points E, F and G are midpoints of AD, AE and DE, respectively, then what will be the area $\triangle BFG$?

- Ans
- ☒ 1. $\frac{1}{2}$ (Area $\triangle ABC$)
 - ☒ 2. $\frac{1}{8}$ (Area $\triangle ABC$)
 - ☒ 3. $\frac{1}{4}$ (Area $\triangle ABC$)
 - ☒ 4. $\frac{1}{2}$ (Area $\triangle BGC$)

Question ID : 6549789516
Status : Not Answered
Chosen Option : --

Section : General Awareness

Q.1 Who among the following has been appointed as the Deputy Election Commissioner in the Election Commission of India?

- Ans
- ☒ 1. Rajan Datta
 - ☒ 2. Ashok Lavasa
 - ☒ 3. Umesh Sinha
 - ☒ 4. Rajiv Kumar

Question ID : 6549786622
Status : Not Answered
Chosen Option : --

Q.2 Swami Vivekananda established Ramakrishna Mission in the year ____.

- Ans
- ☒ 1. 1876
 - ☒ 2. 1897
 - ☒ 3. 1899
 - ☒ 4. 1882

Question ID : 6549789547
Status : Not Answered
Chosen Option : --

Q.3 Which of the following is an extension of a temporary file?

- Ans
- ☒ 1. .tnt
 - ☒ 2. .tar
 - ☒ 3. .tmp
 - ☒ 4. .txt

Question ID : 6549786602
Status : Not Answered
Chosen Option : --

Q.4 Birdie, eagle and albatross are all terms used in _____.

- Ans
- ☒ 1. golf
 - ☐ 2. polo
 - ☐ 3. baseball
 - ☐ 4. football

Question ID : 6549789554
Status : Not Answered
Chosen Option : --

Q.5 _____ holds the Indian record for the most test matches as captain as of December 2020.

- Ans
- ☐ 1. Mohammad Azharuddin
 - ☐ 2. Kapil Dev
 - ☒ 3. MS Dhoni
 - ☐ 4. Virat Kohli

Question ID : 6549789552
Status : Answered
Chosen Option : 4

Q.6 Which of the following planets has the most number of moons?

- Ans
- ☐ 1. Jupiter
 - ☒ 2. Saturn
 - ☐ 3. Uranus
 - ☐ 4. Neptune

Question ID : 6549789540
Status : Answered
Chosen Option : 2

Q.7 Which of the following festivals of Tamil Nadu is dedicated to Lord Muruga?

- Ans
- ☐ 1. Onam
 - ☐ 2. Pongal
 - ☒ 3. Thai Poosam
 - ☐ 4. Aadi Perukku

Question ID : 6549786604
Status : Not Answered
Chosen Option : --

Q.8 In 2020, India co-sponsored a security council resolution that calls for full, effective and meaningful participation of _____ personnel in peacekeeping operations.

- Ans
- ☐ 1. police
 - ☐ 2. medical
 - ☐ 3. nursing
 - ☒ 4. women

Question ID : 6549789534
Status : Not Answered
Chosen Option : --

Q.9 Champaran Satyagraha was launched in which of the following years?

- Ans ☒ 1. 1935
☒ 2. 1917
☒ 3. 1928
☒ 4. 1945

Question ID : 6549786617
Status : Answered
Chosen Option : 2

Q.10 In how many countries, Union Cabinet approved the opening of Indian Missions in 2021?

- Ans ☒ 1. 3
☒ 2. 6
☒ 3. 9
☒ 4. 5

Question ID : 6549786607
Status : Not Answered
Chosen Option : --

Q.11 AMR occurs when bacteria, viruses, fungi and parasites change over time and no longer respond to medicines making infections harder to treat and increasing the risk of disease spread, severe illness and death. What is the full form of AMR?

- Ans ☒ 1. Acutemicrobial Resistance
☒ 2. Antimalarial Resistance
☒ 3. Antimeasles Resistance
☒ 4. Antimicrobial Resistance

Question ID : 6549786612
Status : Not Answered
Chosen Option : --

Q.12 Which of the following is NOT an open-source operating system?

- Ans ☒ 1. Windows
☒ 2. Ubuntu
☒ 3. Linux
☒ 4. Drupal

Question ID : 6549789530
Status : Not Answered
Chosen Option : --

Q.13 What kind of soil is most suitable for growing cashew nuts?

- Ans ☒ 1. Red and yellow soil
☒ 2. Alluvia soil
☒ 3. Black soil
☒ 4. Red laterite soil

Question ID : 6549789544
Status : Not Answered
Chosen Option : --

Q.14 Who among the following is the first female Chief Justice of Telangana?

- Ans ☒ 1. Hima Kohli
☒ 2. JK Maheshwari
☒ 3. Ruma Pal
☒ 4. R Banumathi

Question ID : 6549786619
Status : Not Answered
Chosen Option : --

Q.15 Hakki, Pikki and Siddi are _____ from Karnataka.

- Ans ☒ 1. languages
☒ 2. theatre forms
☒ 3. music types
☒ 4. dance forms

Question ID : 6549789532
Status : Not Answered
Chosen Option : --

Q.16 Who is the author of the book 'Pathway to God'?

- Ans ☒ 1. Sardar Vallabhbhai Patel
☒ 2. Mahatma Gandhi
☒ 3. Sri Aurobindo
☒ 4. Jawaharlal Nehru

Question ID : 6549789549
Status : Not Answered
Chosen Option : --

Q.17 Which helpline was launched by the Ministry of Social Justice & Empowerment in September 2020?

- Ans ☒ 1. ASHA
☒ 2. SUBAH
☒ 3. KIRAN
☒ 4. UMMID

Question ID : 6549789535
Status : Not Answered
Chosen Option : --

Q.18 Which of the following banks has launched contactless 'RuPay Select' debit card in association with NPCI (National Payment Corporation of India) in December 2020?

- Ans ☒ 1. Central Bank of India
☒ 2. ICICI
☒ 3. HDFC
☒ 4. SBI

Question ID : 6549786609
Status : Not Answered
Chosen Option : --

Q.19 Which of the following lakes of Maharashtra has been included in the list of Ramsar Sites in November 2020?

- Ans
- ☒ 1. Vihar
 - ☒ 2. Rankala
 - ☒ 3. Lonar
 - ☒ 4. Venna

Question ID : 6549786614
Status : Not Answered
Chosen Option : --

Q.20 Which of the following is the most literate district in India as per Census 2011?

- Ans
- ☒ 1. Ernakulam
 - ☒ 2. Kottayam
 - ☒ 3. Serchhip
 - ☒ 4. Champhai

Question ID : 6549789545
Status : Not Answered
Chosen Option : --

Q.21 Who has authored the book titled 'India's 71-Year Test: The Journey to Triumph in Australia'?

- Ans
- ☒ 1. R Kaushik
 - ☒ 2. Rahul Bhattacharya
 - ☒ 3. Peter Hayter
 - ☒ 4. Sachin Tendulkar

Question ID : 6549786624
Status : Not Answered
Chosen Option : --

Q.22 As per The Indian Tourism Statistics (ITS) 2020, which Indian state attracted the highest number of domestic tourists in the country in 2019?

- Ans
- ☒ 1. Uttar Pradesh
 - ☒ 2. Tamil Nadu
 - ☒ 3. Goa
 - ☒ 4. Meghalaya

Question ID : 6549789537
Status : Answered
Chosen Option : 2

Q.23 As of January 2021, who among the following is the Union Minister of Rural Development?

- Ans
- ☒ 1. Rajnath Singh
 - ☒ 2. Amit Shah
 - ☒ 3. Narendra Singh Tomar
 - ☒ 4. S Jaishankar

Question ID : 6549789550
Status : Answered
Chosen Option : 3

Q.24 _____ is generally called as milk sugar as it is found in milk.

- Ans
- ☒ 1. Glucose
 - ☒ 2. Fructose
 - ☒ 3. Maltose
 - ☒ 4. Lactose

Question ID : **6549786610**
Status : **Answered**
Chosen Option : **4**

Q.25 Which of the following cities is situated on the banks of river Saryu?

- Ans
- ☒ 1. Ahmedabad
 - ☒ 2. Jaipur
 - ☒ 3. Hyderabad
 - ☒ 4. Ayodhya

Question ID : **6549786613**
Status : **Not Answered**
Chosen Option : **--**