

## Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	www.qmaths.in
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Venue Name	Shubham Foundation
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** 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 to the children please do not 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 the children not to pluck any flowers.

Question ID : 6549789455  
Status : Answered  
Chosen Option : 4

**Q.2** Select the most appropriate one-word substitution for the given words.

speed greater than that of sound

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

Question ID : 6549789475  
Status : Answered  
Chosen Option : 4

**Q.3** 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. ACBD
  - ☒ 2. DBAC
  - ☒ 3. BACD
  - ☒ 4. CABD

Question ID : 6549789464  
Status : Marked For Review  
Chosen Option : 2

Q.4 Select the correct passive form of the given sentence.

The prisoners of this jail have woven these carpets.

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

Question ID : 6549786525

Status : Answered

Chosen Option : 3

Q.5 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. are going at
  - ☒ 2. No substitution
  - ☒ 3. have gone on
  - ☒ 4. has gone on

Question ID : 6549789467

Status : Answered

Chosen Option : 4

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

PRUDENT

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

Question ID : 6549789476

Status : Answered

Chosen Option : 3

Q.7 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. BDAC
  - ☒ 2. DCBA
  - ☒ 3. DBAC
  - ☒ 4. BACD

Question ID : 6549786536

Status : Answered

Chosen Option : 2

**Q.8** 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. happened
  - ☒ 2. occurred
  - ☒ 3. reminded
  - ☒ 4. suggested

Question ID : **6549786550**  
Status : **Answered**  
Chosen Option : **2**

**Q.9** 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. Why didn't
  - ☒ 3. on time
  - ☒ 4. your project

Question ID : **6549789456**  
Status : **Answered**  
Chosen Option : **1**

**Q.10** 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. were providing
  - ☒ 2. at the guest house
  - ☒ 3. Electric heaters
  - ☒ 4. to all the officers

Question ID : **6549786528**  
Status : **Answered**  
Chosen Option : **1**

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

\_\_\_\_\_ of adulterated food stuff being sold in the market.

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

Question ID : **6549789478**  
Status : **Answered**  
Chosen Option : **3**

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

RESOLVE

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

Question ID : 6549786540

Status : Answered

Chosen Option : 2

Q.13 Select the option which means the same as the group of words given.

A place where Buddhist monks live

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

Question ID : 6549786545

Status : Answered

Chosen Option : 3

Q.14 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 distant
  - ☐ 2. very easy
  - ☐ 3. very near
  - ☐ 4. very fast

Question ID : 6549789470

Status : Answered

Chosen Option : 1

Q.15 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.16 Select the most appropriate antonym of the given word.

**PRECIOUS**

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

Question ID : 6549789468

Status : Answered

Chosen Option : 3

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

**Living in a fool's paradise**

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

Question ID : 6549786542

Status : Answered

Chosen Option : 3

Q.18 Select the misspelt word.

- Ans
- ☒ 1. partner
  - ☒ 2. sergeant
  - ☒ 3. tariff
  - ☒ 4. parachute

Question ID : 6549789473

Status : Answered

Chosen Option : 2

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

**STRETCH**

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

Question ID : 6549786548

Status : Answered

Chosen Option : 3

**Q.20** Select the **INCORRECTLY** spelt word.

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

Question ID : **6549786543**

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 : 21**

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

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

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

Question ID : **6549786531**

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 : 23**

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

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

Question ID : 6549786532

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 : 24**

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

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

Question ID : 6549786533

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 : 25**

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

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

Question ID : 6549786534

Status : Answered

Chosen Option : 4

**Section : General Intelligence**

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

Question ID : 6549786554

Status : Not Answered

Chosen Option : --

**Q.2** 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. 15 years
  - ☒ 2. 25 years
  - ☒ 3. 21 years
  - ☒ 4. 17 years

Question ID : 6549789480

Status : Answered

Chosen Option : 4



**Q.3** 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 I and II follow .
  - ☒ 2. Both conclusions III and IV follow .
  - ☒ 3. Both conclusions II and III follow .
  - ☒ 4. Both conclusions I and IV follow .

Question ID : 6549786568

Status : Answered

Chosen Option : 2

**Q.4** 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. Brother
  - ☒ 2. Aunt
  - ☒ 3. Cousin
  - ☒ 4. Sister-in-law

Question ID : 6549789788

Status : Answered

Chosen Option : 4

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

2, 4, 5, 19, 71, ?

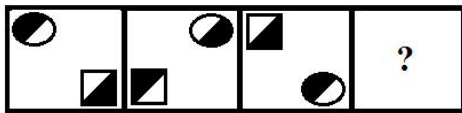
- Ans**
- ☒ 1. 216
  - ☒ 2. 361
  - ☒ 3. 316
  - ☒ 4. 261

Question ID : 6549786556

Status : Not Attempted and  
Marked For Review

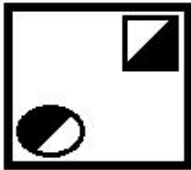
Chosen Option : --

**Q.6** Select the figure that will come next (in place of the question mark [?]) in the following figure series.

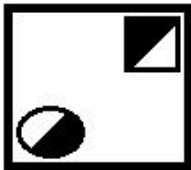


Ans

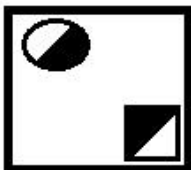
✗ 1.



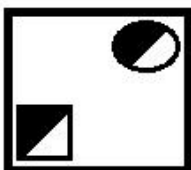
✓ 2.



✗ 3.



✗ 4.



Question ID : 6549789499

Status : Answered

Chosen Option : 2

**Q.7** Three of the following four letter-clusters are alike in a certain way and one is different. Select the odd one.

Ans

✓ 1. HLQ

✗ 2. GKO

✗ 3. LPT

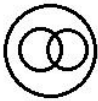
✗ 4. QUY

Question ID : 6549789495

Status : Answered

Chosen Option : 1

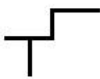
Q.8 Which of the following combinations of words best represents the Venn diagram given below?



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

Question ID : 6549789504  
Status : Answered  
Chosen Option : 3

Q.9 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 : 1

**Q.10** 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, 5, 3, 2, 1  
☒ 3. 4, 5, 1, 3, 2  
☒ 4. 4, 3, 5, 1, 2


Question ID : 6549789487  
Status : Answered  
Chosen Option : 1

**Q.11** 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. 8 : 104  
☒ 2. 12 : 146  
☒ 3. 11 : 143  
☒ 4. 5 : 65

Question ID : 6549789486  
Status : Not Answered  
Chosen Option : --

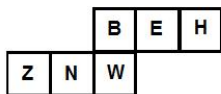
**Q.12** Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

STRUCTURE 

Ans ☒ 1. 2LKCU LUK E  
☒ 2. 2LKUC LUK E  
☒ 3. EYUTCUTS  
☒ 4. EYUTCUTS

Question ID : 6549786574  
Status : Answered  
Chosen Option : 4

**Q.13** Which letter will be on the face opposite to the one showing 'N' when the given sheet is folded to form a cube?



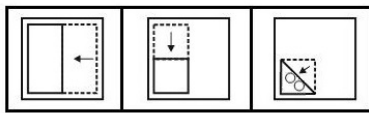
- Ans**
- ☒ 1. H
  - ☒ 2. B
  - ☒ 3. Z
  - ☒ 4. E

Question ID : **6549789498**

Status : **Answered**

Chosen Option : **4**

**Q.14** 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 : **4**

Q.15 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. 1275
  - ☒ 2. 1050
  - ☒ 3. 1625
  - ☒ 4. 1110

Question ID : 6549789482

Status : Answered

Chosen Option : 2

Q.16 In a certain code language, BEYOND is written as BDFNPY. How will PROMISE be written in that language?

- Ans
- ☒ 1. FJMPPRS
  - ☒ 2. ESIMORP
  - ☒ 3. FJNPQSR
  - ☒ 4. EIMOPRS

Question ID : 6549786559

Status : Not Answered

Chosen Option : --

Q.17 How many triangles are there in the figure given below?



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

Question ID : 6549789500

Status : Answered

Chosen Option : 3

**Q.18** 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. Density
  - ☒ 2. Fermentation
  - ☒ 3. Viscosity
  - ☒ 4. Radiation

Question ID : 6549786562

Status : Marked For Review

Chosen Option : 2

**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. 395
  - ☒ 3. 225
  - ☒ 4. 415

Question ID : 6549789489

Status : Answered

Chosen Option : 2

**Q.20** 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. Kitchen : Cooking
  - ☒ 2. House : Expenditure
  - ☒ 3. Bus : Passenger
  - ☒ 4. Scooter : Vehicle

Question ID : 6549789494

Status : Answered

Chosen Option : 4

**Q.21** 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. GPKZ
  - ☒ 2. GKPZ
  - ☒ 3. GZPK
  - ☒ 4. GPZK

Question ID : 6549786561

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.22** 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. Ambivalent
  - ☒ 3. Certain
  - ☒ 4. Hesitant

Question ID : **6549786567**  
Status : **Answered**  
Chosen Option : **3**

**Q.23** 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. (15, 75, 301)
  - ☒ 2. (11, 59, 299)
  - ☒ 3. (7, 39, 190)
  - ☒ 4. (9, 80, 312)

Question ID : **6549789484**  
Status : **Answered**  
Chosen Option : **2**

**Q.24** 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. ddfbcbcdf
  - ☒ 2. cefbdfdfd
  - ☒ 3. cedfdfbdf
  - ☒ 4. fdfbdfced

Question ID : **6549788684**  
Status : **Answered**  
Chosen Option : **3**

**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 : **Answered**  
Chosen Option : **3**

Section : **Quantitative Aptitude**



**Q.1** 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.  $13\sqrt{3}$
  - ☒ 3. 12
  - ☐ 4.  $6\sqrt{3}$

Question ID : **6549786591**

Status : **Answered**

Chosen Option : **3**

**Q.2** 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. 15 days
  - ☒ 2. 10 days
  - ☐ 3. 12 days
  - ☐ 4. 9 days

Question ID : **6549786576**

Status : **Answered**

Chosen Option : **2**

**Q.3** 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.  $90^\circ$
  - ☐ 2.  $45^\circ$
  - ☒ 3.  $60^\circ$
  - ☐ 4.  $30^\circ$

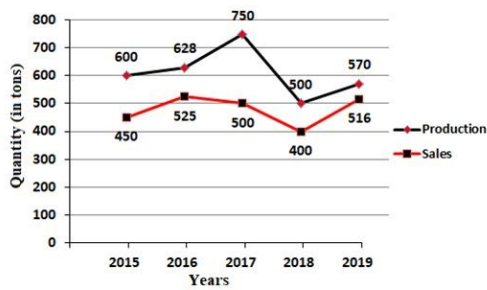
Question ID : **6549789524**

Status : **Answered**

Chosen Option : **3**

**Q.4** 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. 78.44
  - ✗ 2. 68.12
  - ✗ 3. 72.55
  - ✗ 4. 75

Question ID : 6549789529

Status : Answered

Chosen Option : 1

**Q.5** 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  $\triangle BGC$ )
  - ✗ 2.  $\frac{1}{8}$  (Area  $\triangle ABC$ )
  - ✗ 3.  $\frac{1}{2}$  (Area  $\triangle ABC$ )
  - ✓ 4.  $\frac{1}{4}$  (Area  $\triangle ABC$ )

Question ID : 6549789516

Status : Answered

Chosen Option : 4

**Q.6** 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.  $\frac{153}{72}$
  - ✗ 4.  $\frac{23}{9}$

Question ID : 6549786596

Status : Answered

Chosen Option : 1

**Q.7** 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. 7 cm
  - ☐ 2. 14 cm
  - ☐ 3. 5 cm
  - ☒ 4. 10 cm

Question ID : 6549789514

Status : Answered

Chosen Option : 4

**Q.8** What is the product of the largest and the smallest possible values of m for which a number  $5m83m4m1$  is divisible by 9?

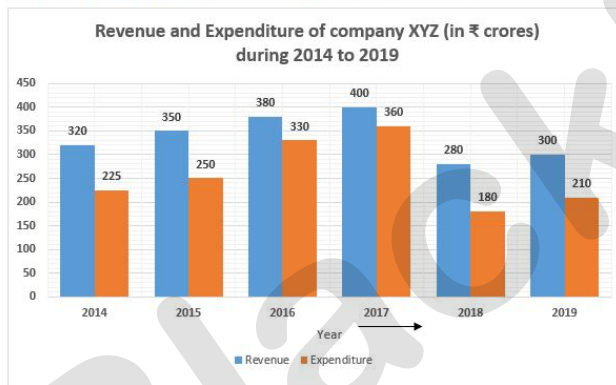
- Ans**
- ☐ 1. 40
  - ☐ 2. 10
  - ☐ 3. 80
  - ☒ 4. 16

Question ID : 6549789521

Status : Answered

Chosen Option : 4

**Q.9** 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. 2016
  - ☒ 2. 2017
  - ☐ 3. 2015
  - ☐ 4. 2019

Question ID : 6549787811

Status : Answered

Chosen Option : 2

**Q.10** 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. 5 : 6
  - ☒ 2. 14 : 15
  - ☒ 3. 6 : 7
  - ☒ 4. 3 : 2

Question ID : **6549786597**  
Status : **Answered**  
Chosen Option : **3**

**Q.11** One diagonal of a rhombus is  $8\sqrt{3}$  cm. If the other diagonal is equal to its side, then the area (in  $\text{cm}^2$ ) of the rhombus is:

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

Question ID : **6549786578**  
Status : **Answered**  
Chosen Option : **3**

**Q.12** 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. 220
  - ☒ 2. 235
  - ☒ 3. 215
  - ☒ 4. 200

Question ID : **6549786582**  
Status : **Answered**  
Chosen Option : **4**

Q.13

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

Question ID : 6549786593

Status : Answered

Chosen Option : 4

Q.14

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. 840  
☒ 2. 740  
☒ 3. 820  
☒ 4. 824

Question ID : 6549786580

Status : Answered

Chosen Option : 4

Q.15

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 : Answered

Chosen Option : 1

Q.16

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. 320  
☒ 2. 436  
☒ 3. 256  
☒ 4. 500

Question ID : 6549789510

Status : Answered

Chosen Option : 1

Q.17 Simplify the following expression.  $(2x - 3y)^3 - 18xy(2x - 3y)$

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

☐ 2.  $8x^3 - 27y^3$

☐ 3.  $8x^3 - 27y^3 - 36x^2y - 54xy^2$

☐ 4.  $8x^3 + 108xy^2 - 72x^2y$

Question ID : 6549789518

Status : Answered

Chosen Option : 1

Q.18 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.  $2 + \frac{\sqrt{5}}{2}$

☐ 2.  $2 + \frac{2\sqrt{5}}{5}$

☐ 3.  $2 + \sqrt{5}$

☒ 4.  $2 + \frac{4\sqrt{5}}{5}$

Question ID : 6549786594

Status : Answered

Chosen Option : 4

Q.19 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. 5

☐ 2. 6

☐ 3. 5.5

☒ 4. 6.5

Question ID : 6549786588

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.20** If  $x^2 - 6\sqrt{3}x + 1 = 0$ , then the value of  $x^3 + \frac{1}{x^3}$  will be:

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

Question ID : 6549786590  
Status : Answered  
Chosen Option : 2

**Q.21** 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. ₹3,000
  - ☒ 2. ₹3,500
  - ☒ 3. ₹4,500
  - ☒ 4. ₹4,000

Question ID : 6549789513  
Status : Answered  
Chosen Option : 1

**Q.22** 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. 50
  - ☒ 2. 52
  - ☒ 3. 53
  - ☒ 4. 52.5

Question ID : 6549789506  
Status : Answered  
Chosen Option : 1

**Q.23** 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. ₹20,000
  - ☒ 2. ₹18,000
  - ☒ 3. ₹50,000
  - ☒ 4. ₹15,000

Question ID : 6549789512  
Status : Answered  
Chosen Option : 1



**Q.24** 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)?

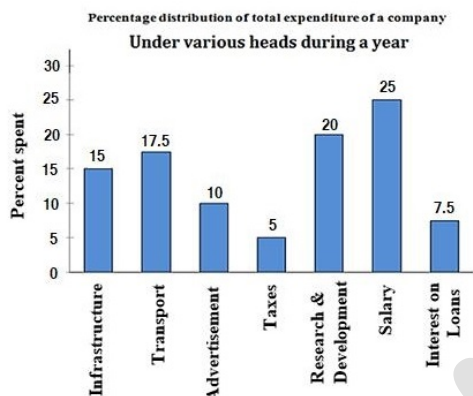
- Ans ☒ 1. 55.3  
☒ 2. 55.1  
☒ 3. 55  
☒ 4. 55.4

Question ID : 6549789508

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.25** 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. 50%  
☒ 2. 40%  
☒ 3. 25%  
☒ 4. 30%

Question ID : 6549788214

Status : Answered

Chosen Option : 1

Section : General Awareness

**Q.1** Which of the following festivals of Tamil Nadu is dedicated to Lord Muruga?

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

Question ID : 6549786604

Status : Answered

Chosen Option : 2



**Q.2** Which of the following lakes of Maharashtra has been included in the list of Ramsar Sites in November 2020?

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

Question ID : **6549786614**  
Status : **Answered**  
Chosen Option : 1

**Q.3** As of January 2021, who among the following is the Union Minister of Rural Development?

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

Question ID : **6549789550**  
Status : **Answered**  
Chosen Option : 2

**Q.4** \_\_\_\_\_ is generally called as milk sugar as it is found in milk.

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

Question ID : **6549786610**  
Status : **Answered**  
Chosen Option : 1

**Q.5** Which of the following is an extension of a temporary file?

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

Question ID : **6549786602**  
Status : **Answered**  
Chosen Option : 3

**Q.6 Who is the author of the book 'Pathway to God'?**

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

Question ID : **6549789549**  
Status : **Answered**  
Chosen Option : **2**

**Q.7 Swami Vivekananda established Ramakrishna Mission in the year \_\_\_\_.**

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

Question ID : **6549789547**  
Status : **Answered**  
Chosen Option : **1**

**Q.8 Who among the following has been appointed as the Deputy Election Commissioner in the Election Commission of India?**

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

Question ID : **6549786622**  
Status : **Marked For Review**  
Chosen Option : **1**

**Q.9 Birdie, eagle and albatross are all terms used in \_\_\_\_.**

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

Question ID : **6549789554**  
Status : **Marked For Review**  
Chosen Option : **1**

**Q.10** In 2020, India co-sponsored a security council resolution that calls for full, effective and meaningful participation of \_\_\_\_\_ personnel in peacekeeping operations.

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

Question ID : **6549789534**  
Status : **Answered**  
Chosen Option : **2**

**Q.11** Which of the following planets has the most number of moons?

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

Question ID : **6549789540**  
Status : **Answered**  
Chosen Option : **1**

**Q.12** Which helpline was launched by the Ministry of Social Justice & Empowerment in September 2020?

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

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

**Q.13** In how many countries, Union Cabinet approved the opening of Indian Missions in 2021?

- Ans
- ☒ 1. 5
  - ☒ 2. 6
  - ☒ 3. 3
  - ☒ 4. 9

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

Q.14 Champaran Satyagraha was launched in which of the following years?

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

Question ID : 6549786617  
Status : Answered  
Chosen Option : 2

Q.15 Who has authored the book titled 'India's 71-Year Test: The Journey to Triumph in Australia'?

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

Question ID : 6549786624  
Status : Answered  
Chosen Option : 4

Q.16 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 : 1

Q.17 Hakki, Pikki and Siddi are \_\_\_\_\_ from Karnataka.

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

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

Q.18 Who among the following is the first female Chief Justice of Telangana?

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

Question ID : 6549786619  
Status : Answered  
Chosen Option : 3

Q.19 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. Antimeasles Resistance
  - ☒ 2. Antimalarial Resistance
  - ☒ 3. Antimicrobial Resistance
  - ☒ 4. Acutemicrobial Resistance

Question ID : 6549786612  
Status : Answered  
Chosen Option : 3

Q.20 Which of the following is NOT an open-source operating system?

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

Question ID : 6549789530  
Status : Answered  
Chosen Option : 4

Q.21 Which of the following is the most literate district in India as per Census 2011?

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

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

Q.22 \_\_\_\_\_ holds the Indian record for the most test matches as captain as of December 2020.

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

Question ID : 6549789552  
Status : Answered  
Chosen Option : 3

Q.23 What kind of soil is most suitable for growing cashew nuts?

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

Question ID : 6549789544  
Status : Answered  
Chosen Option : 3

Q.24 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. ICICI
  - ☐ 2. SBI
  - ☐ 3. HDFC
  - ☒ 4. Central Bank of India

Question ID : 6549786609  
Status : Answered  
Chosen Option : 2

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

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

Question ID : 6549786613  
Status : Answered  
Chosen Option : 3