

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	www.qmaths.in
Candidate Name	www.qmaths.in
Venue Name	Sgn Khalsa Pg College Sri Ganganagar
Exam Date	10/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

Q.1 Select the most appropriate meaning of the given idiom.

Burn the midnight oil

- Ans
- ☒ 1. work many nights at a stretch
 - ☒ 2. work late into the night
 - ☒ 3. burn things using oil
 - ☒ 4. create problems in the night

Question ID : 6549788663

Status : Answered

Chosen Option : 2

Q.2 Select the most appropriate ANTONYM of the given word.

REPULSION

- Ans
- ☒ 1. complacence
 - ☒ 2. attraction
 - ☒ 3. disgust
 - ☒ 4. addiction

Question ID : 6549788661

Status : Answered

Chosen Option : 3

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

Emerge

- Ans
- ☒ 1. Enforce
 - ☒ 2. Close
 - ☒ 3. Erase
 - ☒ 4. Appear

Question ID : 6549787254

Status : Answered

Chosen Option : 4

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 migrant said that he did not planning to come back to the city for quite some time.

- Ans
- ☐ 1. No substitution
 - ☐ 2. was not planned
 - ☐ 3. do not planning
 - ☒ 4. did not plan

Question ID : 6549788658

Status : Answered

Chosen Option : 4

Q.5 Given below are four jumbled sentences. Out of the given options, select the one that gives their correct order.

- A. I sat patiently through them knowing they were not for me.
- B. The headmaster read the list of qualities this year's best student award had - most giving, contributed most to society, and so on.
- C. At my high school graduation, the awards were being presented for achievement, contribution to the school, the community, scholarship, and more.
- D. But when I heard my name called, I began to cry as I could not believe that I was actually chosen for the award.

- Ans
- ☐ 1. BACD
 - ☐ 2. BDCA
 - ☒ 3. CABD
 - ☐ 4. CBDA

Question ID : 6549788657

Status : Answered

Chosen Option : 3

Q.6 Select the option that expresses the given sentence in reported speech.

My mother said to me, "Aravind, the baby has been crying all day."

- Ans
- ☐ 1. My mother said Aravind that the baby has been crying all the day.
 - ☐ 2. Aravind told my mother that the baby had been crying all day.
 - ☒ 3. My mother told me that the baby had been crying all day.
 - ☐ 4. My mother told to Aravind why the baby has been crying all day.

Question ID : 6549787233

Status : Answered

Chosen Option : 3

Q.7 The following sentence has been divided into four segments. Select the segment that contains a grammatical error from the given options.

I am going / to home / soon after the / programme gets over.

- Ans
- ☒ 1. to home
 - ☐ 2. soon after the
 - ☐ 3. I am going
 - ☐ 4. programme gets over

Question ID : 6549787234

Status : Answered

Chosen Option : 3

Q.8 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Subsikuent
 - ☐ 2. Temporary
 - ☐ 3. Dominant
 - ☐ 4. Permanent

Question ID : 6549787251

Status : Answered

Chosen Option : 1

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

- A. The test procedure starts at 10 a.m. in all the test centres.
- B. When you enter the test hall, you should have your Test Admit Card with you.
- C. You are, therefore, required to reach the test centre by 9.30 a.m.
- D. Remember that, if you report after 10 a.m., you will not be admitted.

- Ans
- ☐ 1. DBAC
 - ☐ 2. CADB
 - ☐ 3. DACB
 - ☒ 4. ACDB

Question ID : 6549787242

Status : Answered

Chosen Option : 4

Q.10 Select the correct passive form of the given sentence.

Shashi was enjoying the game.

- Ans
- ☒ 1. The game was being enjoyed by Shashi.
 - ☐ 2. The game has been enjoyed by Shashi.
 - ☐ 3. The game was enjoying by Shashi.
 - ☐ 4. The game is being enjoyed by Shashi.

Question ID : 6549788646

Status : Answered

Chosen Option : 1

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

The government is making air bags _____ for front seat passengers in all cars.

- Ans
- ☐ 1. registered
 - ☐ 2. suggested
 - ☐ 3. temporary
 - ☒ 4. compulsory

Question ID : 6549787256

Status : Answered

Chosen Option : 4

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

Lucid

- Ans
- ☒ 1. Confusing
 - ☐ 2. Clear
 - ☐ 3. Obvious
 - ☐ 4. Acidic

Question ID : 6549787246

Status : Answered

Chosen Option : 1

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

The study of ancient civilisations and cultures by examining their sites

- Ans
- ☐ 1. Entomology
 - ☐ 2. Arachnology
 - ☒ 3. Archaeology
 - ☐ 4. Etymology

Question ID : 6549787253

Status : Answered

Chosen Option : 3

Q.14 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'.

This is the student which won the first prize in the recitation.

- Ans
- ☒ 1. No substitution required
 - ☒ 2. whose won
 - ☒ 3. whom won
 - ☒ 4. who won

Question ID : 6549787245

Status : Answered

Chosen Option : 4

Q.15 Select the most appropriate word to fill in the blank.

The mother monkey picked up her baby and climbed up the tree to _____.

- Ans
- ☒ 1. cruelty
 - ☒ 2. safety
 - ☒ 3. agility
 - ☒ 4. ability

Question ID : 6549788671

Status : Answered

Chosen Option : 3

Q.16 Select the word which means the same as the group of words given.

A professional who works with patients who have heart problems

- Ans
- ☒ 1. cardiologist
 - ☒ 2. urologist
 - ☒ 3. paediatrician
 - ☒ 4. orthopedic

Question ID : 6549788666

Status : Answered

Chosen Option : 1

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

To come round

- Ans
- ☒ 1. To meet someone by chance
 - ☒ 2. To become conscious again
 - ☒ 3. To go round and round
 - ☒ 4. To spend a lot of time with someone

Question ID : 6549787248

Status : Answered

Chosen Option : 1

Q.18 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. dissappear
 - ☐ 2. movement
 - ☐ 3. executive
 - ☐ 4. development

Question ID : 6549788664

Status : Answered

Chosen Option : 1

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

DILEMMA

- Ans
- ☐ 1. attraction
 - ☐ 2. fascination
 - ☒ 3. predicament
 - ☐ 4. importance

Question ID : 6549788669

Status : Answered

Chosen Option : 3

Q.20 In the given sentence, identify the segment which contains a grammatical error.

Due to the lockdown most schools teaches students through online classes.

- Ans
- ☐ 1. through online classes
 - ☐ 2. Due to the lockdown
 - ☐ 3. most schools
 - ☒ 4. teaches students

Question ID : 6549788649

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.

An open-minded person can very easily accept as well as respect the (1)_____ person's viewpoint or ideas. Such a person willingly and cordially (2)_____ to others' views, accepts their different ideas, and even goes ahead to implement them (3)_____. With an open mindset, positive and vibrant energy (4)_____ that not only helps such people (5)_____ also keeps other people around them happy.

SubQuestion No : 21

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

- Ans
- ☒ 1. every
 - ☒ 2. either
 - ☒ 3. each
 - ☒ 4. other

Question ID : 6549788651

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.

An open-minded person can very easily accept as well as respect the (1)_____ person's viewpoint or ideas. Such a person willingly and cordially (2)_____ to others' views, accepts their different ideas, and even goes ahead to implement them (3)_____. With an open mindset, positive and vibrant energy (4)_____ that not only helps such people (5)_____ also keeps other people around them happy.

SubQuestion No : 22

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

- Ans
- ☒ 1. listened
 - ☒ 2. listens
 - ☒ 3. listening
 - ☒ 4. listen

Question ID : 6549788652

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.

An open-minded person can very easily accept as well as respect the (1)_____ person's viewpoint or ideas. Such a person willingly and cordially (2)_____ to others' views, accepts their different ideas, and even goes ahead to implement them (3)_____. With an open mindset, positive and vibrant energy (4)_____ that not only helps such people (5)_____ also keeps other people around them happy.

SubQuestion No : 23

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

- Ans
- ☒ 1. eventfully
 - ☒ 2. successfully
 - ☒ 3. clearly
 - ☒ 4. habitually

Question ID : 6549788653

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.

An open-minded person can very easily accept as well as respect the (1)_____ person's viewpoint or ideas. Such a person willingly and cordially (2)_____ to others' views, accepts their different ideas, and even goes ahead to implement them (3)_____. With an open mindset, positive and vibrant energy (4)_____ that not only helps such people (5)_____ also keeps other people around them happy.

SubQuestion No : 24

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

- Ans
- ☒ 1. was created
 - ☒ 2. had been created
 - ☒ 3. is created
 - ☒ 4. was being created

Question ID : 6549788654

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.

An open-minded person can very easily accept as well as respect the (1)_____ person's viewpoint or ideas. Such a person willingly and cordially (2)_____ to others' views, accepts their different ideas, and even goes ahead to implement them (3)_____. With an open mindset, positive and vibrant energy (4)_____ that not only helps such people (5)_____ also keeps other people around them happy.

SubQuestion No : 25

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

- Ans
- ☒ 1. and
 - ☒ 2. but
 - ☒ 3. when
 - ☒ 4. even

Question ID : 6549788655

Status : Answered

Chosen Option : 2

Section : General Intelligence

Q.1 Select the number that can replace the question mark (?) in the following series.

1, 2, 10, 37, ?, 226

- Ans
- ☒ 1. 101
 - ☒ 2. 73
 - ☒ 3. 89
 - ☒ 4. 98

Question ID : 6549788677

Status : Answered

Chosen Option : 1

Q.2 Three of the following four words are alike in a certain way and one is different. Select the odd one.

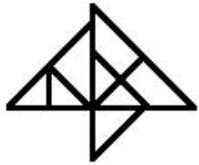
- Ans
- ☒ 1. Doctor
 - ☒ 2. Architect
 - ☒ 3. Designer
 - ☒ 4. Engineer

Question ID : 6549788688

Status : Answered

Chosen Option : 1

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



- Ans
- ☐ 1. 12
 - ☐ 2. 14
 - ☐ 3. 15
 - ☒ 4. 13

Question ID : 6549787278

Status : Answered

Chosen Option : 4

Q.4 Select the option in which the words share the same relationship as that shared by the given pair of words.

Warrior : Battlefield

- Ans
- ☒ 1. Actor : Stage
 - ☐ 2. Soldier : Army
 - ☐ 3. Sports : Ground
 - ☐ 4. Umpire : Cricket

Question ID : 6549787272

Status : Answered

Chosen Option : 1

Q.5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

- 1. Fragile
- 2. Freedom
- 3. Fresher
- 4. Fraudster
- 5. Frame

- Ans
- ☐ 1. 1, 5, 2, 4, 3
 - ☐ 2. 2, 5, 4, 3, 1
 - ☐ 3. 1, 4, 5, 2, 3
 - ☒ 4. 1, 5, 4, 2, 3

Question ID : 6549787265

Status : Answered

Chosen Option : 4

Q.6 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

T _ R _ _ S _ D T _ R D _ S _ D

- Ans
- ☒ 1. S D T D S T T
 - ☒ 2. D S T R T T R
 - ☒ 3. S D T R S T R
 - ☒ 4. S T S R R T R

Question ID : 6549786462

Status : Answered

Chosen Option : 3

Q.7 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

BIOLOGY : COUMUHZ :: CHEMISTRY : ?

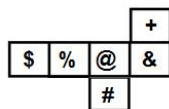
- Ans
- ☒ 1. DAKNOTUSZ
 - ☒ 2. DIONUTASZ
 - ☒ 3. DIINOTUSZ
 - ☒ 4. DJINUTUSZ

Question ID : 6549788682

Status : Answered

Chosen Option : 3

Q.8 A cube is made by folding the given sheet. In the cube so formed, what would be the symbol on the opposite side of '@'?



- Ans
- ☒ 1. &
 - ☒ 2. \$
 - ☒ 3. #
 - ☒ 4. %

Question ID : 6549787276

Status : Answered

Chosen Option : 2

Q.9 The sum of the salaries of three persons, A, B and C, is ₹66,500. B's salary is half the salary of C. B's salary is 125% of A's salary. What is the salary of C?

- Ans
- ☒ 1. ₹30,000
 - ☒ 2. ₹28,000
 - ☒ 3. ₹34,000
 - ☒ 4. ₹35,000

Question ID : 6549787258

Status : Answered

Chosen Option : 4

Q.10 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. TWZCF
 - ☒ 2. BEGLN
 - ☒ 3. DGJMP
 - ☒ 4. HKNQT

Question ID : 6549787273

Status : Answered

Chosen Option : 2

Q.11 Select the Venn diagram that best represents the relationship between the following classes.

Mammals, Animals, Giraffe

Ans



Question ID : 6549787282

Status : Answered

Chosen Option : 4

Q.12 Which of the following equations will be correct when the signs + and \times , and the numbers 3 and 6 are interchanged?

- Ans
- ☒ 1. $9 \times 3 + 6 = 33$
 - ☒ 2. $11 \times 6 + 3 = 69$
 - ☒ 3. $7 + 3 \times 6 = 48$
 - ☒ 4. $12 \times 3 + 6 = 30$

Question ID : 6549788673

Status : Answered

Chosen Option : 4

Q.13 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some managers are bosses.

Some doctors are managers.

Conclusions:

I. Some managers are executives.

II. Some doctors are bosses.

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

Question ID : 6549788689

Status : Answered

Chosen Option : 1

Q.14 Select the option in which the given figure is embedded.



Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.



Question ID : 6549788693

Status : Answered

Chosen Option : 4

Q.15 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

68 : 4 :: ? : 7 :: 220 : 6

Ans

✓ 1. 347

✗ 2. 112

✗ 3. 301

✗ 4. 220

Question ID : 6549787260

Status : Answered

Chosen Option : 1

Q.16 In a certain code language, DORM is coded as 4303626 and FIRST is coded as 69363840. How will CANCER be coded in that language?

- Ans
- ☒ 1. 61283638
 - ☒ 2. 31283536
 - ☒ 3. 612661036
 - ☒ 4. 322831036

Question ID : 6549787267

Status : Answered

Chosen Option : 4

Q.17 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



Ans

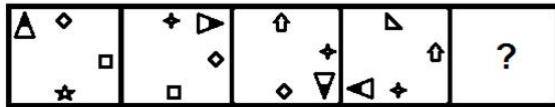
- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 6549788695

Status : Answered

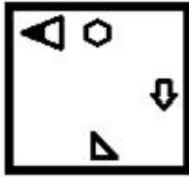
Chosen Option : 4

Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series.

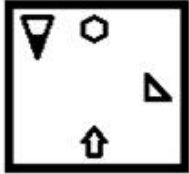


Ans

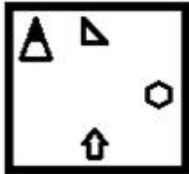
✗ 1.



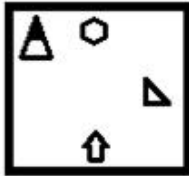
✗ 2.



✗ 3.



✓ 4.



Question ID : 6549787277

Status : Answered

Chosen Option : 4

Q.19 Three of the following four number triads are alike in a certain way and one is different. Select the one that is different.

Ans

✗ 1. (201, 402, 603)

✓ 2. (202, 404, 909)

✗ 3. (108, 300, 501)

✗ 4. (111, 222, 333)

Question ID : 6549788675

Status : Answered

Chosen Option : 3

Q.20 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(5, 14, 350)

- Ans
- ☒ 1. (8, 16, 340)
 - ☒ 2. (3, 20, 380)
 - ☒ 3. (7, 9, 441)
 - ☒ 4. (6, 12, 232)

Question ID : 6549787262

Status : Answered

Chosen Option : 3

Q.21 'Eye' is related to 'Glasses' in the same way as '_____' is related to 'Dialyser'.

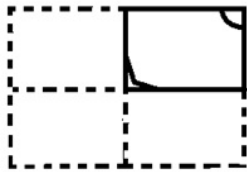
- Ans
- ☒ 1. Heart
 - ☒ 2. Ear
 - ☒ 3. Spine
 - ☒ 4. Kidney

Question ID : 6549788683

Status : Answered

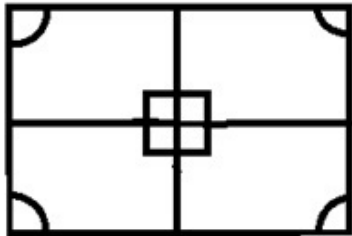
Chosen Option : 4

Q.22 A paper is folded and cut as shown in the following figure. How will it appear when unfolded?

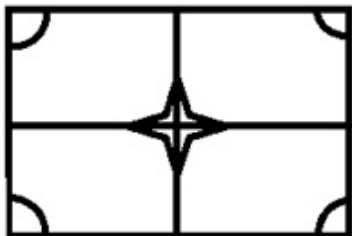


Ans

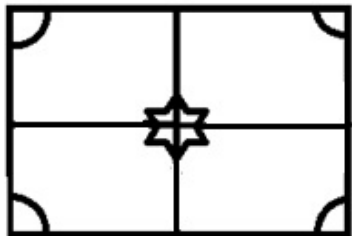
✗ 1.



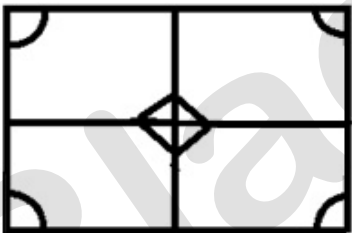
✓ 2.



✗ 3.



✗ 4.



Question ID : 6549788694

Status : Answered

Chosen Option : 2

Q.23 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans

✗ 1. 7 : 84

✓ 2. 9 : 99

✗ 3. 11 : 132

✗ 4. 17 : 204

Question ID : 6549787264

Status : Answered

Chosen Option : 2

Q.24 In a family, Divya and Monika are sisters. Monika is the mother of Anamika. Kishore is the son of Anamika. Lillu is the son of Divya. How is Anamika related to Lillu?

- Ans
- ☐ 1. Niece
 - ☐ 2. Mother
 - ☐ 3. Sister-in-law
 - ☒ 4. Cousin

Question ID : 6549787877

Status : Answered

Chosen Option : 4

Q.25 If in a code language, GOD is coded as 15 and DEVIL is coded as 43, then how will you code HUMEN?

- Ans
- ☐ 1. 56
 - ☐ 2. 72
 - ☒ 3. 42
 - ☐ 4. 81

Question ID : 6549788680

Status : Not Answered

Chosen Option : --

Section : Quantitative Aptitude

Q.1 Find the compound interest (in ₹) on a sum of ₹7,500 for 4 years if the rate of interest is 20% per annum for the first two years and 10% per annum for the next two years. (The interest is compounded annually.)

- Ans
- ☐ 1. 6,558
 - ☐ 2. 5,658
 - ☐ 3. 5,586
 - ☒ 4. 5,568

Question ID : 6549787291

Status : Not Answered

Chosen Option : --

Q.2 If $x + \frac{1}{3x} = 5$, then the value of $27x^3 + \frac{1}{x^3}$ will be:

- Ans
- ☐ 1. 3042
 - ☐ 2. 3024
 - ☐ 3. 3420
 - ☒ 4. 3240

Question ID : 6549787296

Status : Answered

Chosen Option : 4

Q.3 The value of $\frac{284}{5} \div \left[\left(\frac{4}{5} \right) \times (15 + 35) - 11\frac{3}{5} \right]$ is:

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

Question ID : 6549788714

Status : Answered

Chosen Option : 4

Q.4 If the number 4A306768B2 is divisible by both 8 and 11, then the smallest possible values of A and B will be:

- Ans
- ☐ 1. A = 5, B = 4
 - ☐ 2. A = 5, B = 2
 - ☐ 3. A = 3, B = 5
 - ☒ 4. A = 5, B = 3

Question ID : 6549787299

Status : Answered

Chosen Option : 4

Blackbook

Q.5 Study the given pie charts and answer the question that follows.

The pie charts show the distribution of students of graduate and postgraduate levels in five different institutes P, Q, R, S and T in a town.

(i) Total number of students of graduate level in five different institutes = 12400

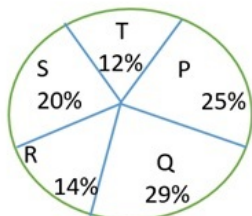


Fig.(i)

(ii) Total number of students of postgraduate level in five different institutes = 8000

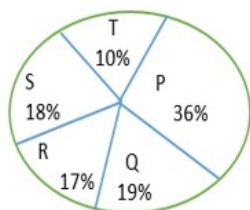


Fig.(ii)

The difference between the average number of students of graduate level in institutes P, R and T to the average number of students of postgraduate level in institutes P, R and T is:

- Ans
- ✓ 1. 428
 - ✗ 2. 426
 - ✗ 3. 328
 - ✗ 4. 425

Question ID : 6549787307

Status : Answered

Chosen Option : 2

Q.6 In a workshop with 80 students and 10 resource persons, sweets were distributed at the end of the workshop. The amount spent for distributing sweets to each student was 30% of the total number of students and amount spent towards each resource person was 40% of the total number of students. The total amount spent for sweets distribution in the workshop was:

- Ans
- ✗ 1. ₹2,420
 - ✗ 2. ₹2,440
 - ✗ 3. ₹2,400
 - ✓ 4. ₹2,240

Question ID : 6549787288

Status : Answered

Chosen Option : 4

Q.7 If $\sin^2 x - 3\cos^2 x = 0$, then the value of x ($0 < x < 90^\circ$) is:

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

Question ID : 6549788717

Status : Answered

Chosen Option : 1

Q.8 If $1 + 4x^2 + 16x^4 = 512$, and $1 - 2x + 4x^2 = 64$, then the value of $1 + 2x + 4x^2$ is:

- Ans ☒ 1. 6
☒ 2. 8
☒ 3. 10
☒ 4. 12

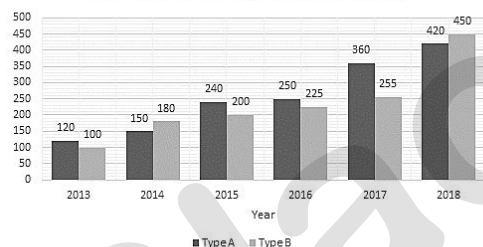
Question ID : 6549788711

Status : Answered

Chosen Option : 2

Q.9 Study the given graph and answer the question that follows.

Production (in thousands) of two types of Vehicles A and B by a company during 2013 to 2018



$31\frac{1}{4}\%$ of the total number of vehicles of type A produced in 2013, 2015 and 2017 is equal to the number of vehicles of type B produced in the year:

- Ans ☒ 1. 2016
☒ 2. 2015
☒ 3. 2018
☒ 4. 2017

Question ID : 6549786700

Status : Answered

Chosen Option : 4

Q.10 x, y and z are three positive numbers such that y is $\frac{4}{5}$ times of x and z is $\frac{5}{8}$ times of y . If the average of reciprocals of the numbers x, y and z is $\frac{17}{240}$, then the average of 3 times of x and 5 times of y will be:

- Ans
- ☒ 1. 60
 - ☒ 2. 45
 - ☒ 3. 70
 - ☒ 4. 40

Question ID : 6549787286

Status : Answered

Chosen Option : 3

Q.11 If $2x + 3y + 4z = 11$, $8x^3 + 27y^3 + 64z^3 = 105$ and $xyz = 1$, then the value $4x^2 + 9y^2 + 16z^2 - 6xy - 12yz - 8xz$ is:

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

Question ID : 6549788712

Status : Answered

Chosen Option : 1

Q.12 If the length of a chord of a circle, that makes an angle of 60° with the tangent drawn at one end point of the chord, is $8\sqrt{3}$ cm, then the radius of the circle will be:

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

Question ID : 6549787292

Status : Not Answered

Chosen Option : --

Q.13 Gaurav bought some articles at 5 for ₹6 and sold them at 10 for ₹11. His loss percentage is:

- Ans
- ☒ 1. $8\frac{2}{3}\%$
 - ☒ 2. $7\frac{1}{3}\%$
 - ☒ 3. $8\frac{1}{3}\%$
 - ☒ 4. $7\frac{2}{3}\%$

Question ID : 6549788703

Status : Answered

Chosen Option : 3

Q.14 15 persons working 6 hours per day earn ₹900. How much money will 20 persons earn, working 10 hours per day?

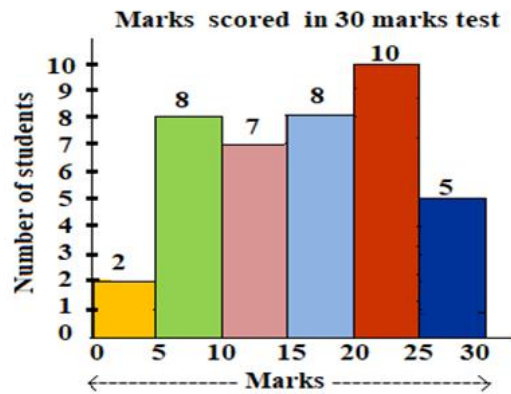
- Ans
- ☐ 1. ₹2,100
 - ☐ 2. ₹1,500
 - ☐ 3. ₹1,800
 - ☒ 4. ₹2,000

Question ID : 6549788697

Status : Answered

Chosen Option : 4

Q.15 The histogram shows the marks scored by 40 students in a test with maximum 30 marks.



What is the percentage of the students who scored less than 20 marks?

- Ans
- ☐ 1. 25
 - ☐ 2. 87.5
 - ☐ 3. 50
 - ☒ 4. 62.5

Question ID : 6549789225

Status : Answered

Chosen Option : 4

Q.16 If $\frac{5 \cot \theta + \sqrt{3} \operatorname{cosec} \theta}{2\sqrt{3} \operatorname{cosec} \theta + 3 \cot \theta} = 1$, $0^\circ < \theta < 90^\circ$, then the value of $\frac{\frac{7}{2} \cot^2 \theta - \frac{3}{4} \operatorname{cosec}^2 \theta}{4 \sin^2 \theta + \frac{3}{2} \tan^2 \theta}$ will be:

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

Question ID : 6549787302

Status : Not Answered

Chosen Option : --

Q.17 The sides of a triangle are in the ratio $\frac{1}{3} : \frac{1}{5} : \frac{1}{4}$ and its perimeter is 141 cm. The difference between the greatest side and the smallest side is:

- Ans
- ☒ 1. 18 cm
 - ☒ 2. 12 cm
 - ☒ 3. 24 cm
 - ☒ 4. 15 cm

Question ID : 6549787290

Status : Answered

Chosen Option : 3

Q.18 With a speed of 48 km/h, Raghu is able to complete his journey in 2 hours 28 minutes. If he wants to cover the same distance in 1 hour 36 minutes, then what should be his new speed?

- Ans
- ☒ 1. 74 km/h
 - ☒ 2. 64 km/h
 - ☒ 3. 66 km/h
 - ☒ 4. 72 km/h

Question ID : 6549787284

Status : Answered

Chosen Option : 1

Q.19 If S is a point on side QR of a triangle PQR such that $QS = 10$ cm, $QR = 18$ cm and $\angle PSR = \angle QPR$, then the length of PR will be:

- Ans
- ☒ 1. 14 cm
 - ☒ 2. 16 cm
 - ☒ 3. 12 cm
 - ☒ 4. 15 cm

Question ID : 6549787294

Status : Answered

Chosen Option : 2

Q.20 In any triangle, if the angles are in the ratio $1 : 2 : 3$, then what will be the ratio of the sides opposite to them?

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

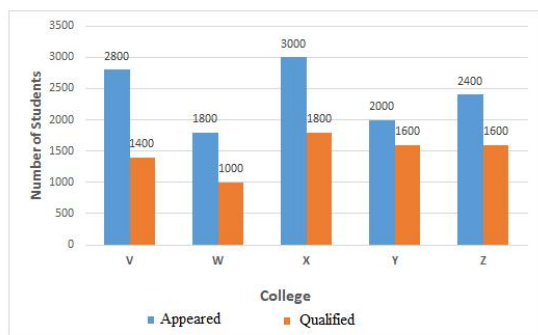
Question ID : 6549788709

Status : Answered

Chosen Option : 1

Q.21 Study the following graph and answer the question that follows.

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



What is the ratio of the number of students that appeared to the number of students that qualified at the scholarship examination from College X?

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

Question ID : 6549788718

Status : Answered

Chosen Option : 4

Q.22 The value of $\sqrt{\cos 60^\circ \cos 30^\circ - \sin 60^\circ \sin 30^\circ}$ is:

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

Question ID : 6549788715

Status : Answered

Chosen Option : 3

Q.23 In a circle with center O , PA and PB are tangents to the circle at A and B , respectively, from an external point P . If,

$\angle AOB = 116^\circ$ then what is the measure of $\angle OPB$?

- Ans
- ☒ 1. 30°
 - ☒ 2. 32°
 - ☒ 3. 90°
 - ☒ 4. 58°

Question ID : 6549788707

Status : Answered

Chosen Option : 2

Q.24 The sum of the squares of the sides of a rhombus is 1600 cm^2 . What is the side of the rhombus?

- Ans
- ☒ 1. 25 cm
 - ☒ 2. 15 cm
 - ☒ 3. 20 cm
 - ☒ 4. 10 cm

Question ID : 6549788699

Status : Answered

Chosen Option : 3

Q.25 The marked price of a juicer mixer is ₹5,500, and three successive discounts of 40%, 30% and 20% are given on this marked price. The selling price of the juicer mixer is:

- Ans
- ☒ 1. ₹1,868
 - ☒ 2. ₹1,848
 - ☒ 3. ₹1,858
 - ☒ 4. ₹1,835

Question ID : 6549788701

Status : Answered

Chosen Option : 2

Section : General Awareness

Q.1 The total number of fundamental duties provided by the Constitution of India is:

- Ans
- ☒ 1. 11
 - ☒ 2. 29
 - ☒ 3. 32
 - ☒ 4. 19

Question ID : 6549788743

Status : Answered

Chosen Option : 1

Q.2 Which country was the host of the 15th G20 Leaders' Summit 2020?

- Ans
- ☒ 1. The US
 - ☒ 2. China
 - ☒ 3. Saudi Arabia
 - ☒ 4. India

Question ID : 6549787313

Status : Answered

Chosen Option : 4

Q.3 World Thyroid Day is observed on _____.

- Ans
- ☐ 1. 30th April
 - ☐ 2. 17th June
 - ☐ 3. 23rd March
 - ☒ 4. 25th May

Question ID : 6549787318

Status : Not Answered

Chosen Option : --

Q.4 Which of the following Articles of the Constitution of India makes provision for protection in respect of conviction for offences?

- Ans
- ☒ 1. Article 20
 - ☐ 2. Article 18
 - ☐ 3. Article 19
 - ☐ 4. Article 21

Question ID : 6549787328

Status : Answered

Chosen Option : 1

Q.5 Who was the Governor-General of Bengal when the Permanent Settlement was introduced there in 1793?

- Ans
- ☐ 1. Warren Hastings
 - ☒ 2. Lord Cornwallis
 - ☐ 3. Sir John Shore
 - ☐ 4. Sir John Macpherson

Question ID : 6549787325

Status : Answered

Chosen Option : 2

Q.6 Which of the following Union Ministries of India launched a pilot 'Pey Jal Survekshan' on 16 February 2021?

- Ans
- ☒ 1. Ministry of Housing and Urban Affairs
 - ☐ 2. Ministry of Environment, Forest and Climate Change
 - ☐ 3. Ministry of Jal Shakti
 - ☐ 4. Ministry of Earth Sciences

Question ID : 6549788728

Status : Answered

Chosen Option : 3

Q.7 Who founded the famous Vikramashila University in the ninth century?

- Ans
- ☒ 1. Dharmapala
 - ☐ 2. Gopala
 - ☐ 3. Ballala Sena
 - ☐ 4. Samanta Sena

Question ID : 6549788738

Status : Answered

Chosen Option : 1

Q.8 Which of the following is the largest bituminous coalfield in India?

- Ans
- ☒ 1. Jharia
 - ☐ 2. Yellandu
 - ☐ 3. Rampur
 - ☐ 4. Talcher

Question ID : 6549788734

Status : Answered

Chosen Option : 1

Q.9 Which of the following national waterways has been INCORRECTLY matched with its associated river?

- Ans
- ☐ 1. National Waterway 1 - Ganga
 - ☒ 2. National Waterway 6 - Sutlej
 - ☐ 3. National Waterway 2 - Brahmaputra
 - ☐ 4. National Waterway 4 - Krishna

Question ID : 6549787323

Status : Answered

Chosen Option : 4

Q.10 Who among the following won the 'Golden Boot' at FIFA World Cup 2018?

- Ans
- ☐ 1. Kylian Mbappe
 - ☐ 2. Paul Pogba
 - ☐ 3. Luka Modric
 - ☒ 4. Harry Kane

Question ID : 6549788745

Status : Not Answered

Chosen Option : --

Q.11 Which of the following hills is situated in Andhra Pradesh?

- Ans
- ☒ 1. Nagari Hills
 - ☐ 2. Pachmarhi Hills
 - ☐ 3. Kaimur Hills
 - ☐ 4. Girnar Hills

Question ID : 6549787322

Status : Not Answered

Chosen Option : --

Q.12 Who among the following singers was called 'Mallika-e-Ghazal' or the queen of Ghazal?

- Ans
- ☒ 1. Begum Akhtar
 - ☐ 2. Iqbal Bano
 - ☐ 3. Roshan Ara Begum
 - ☐ 4. Suraiya

Question ID : 6549788725

Status : Not Answered

Chosen Option : --

Q.13 The legal provisions governing the management of foreign exchange reserves are laid down in the Reserve Bank of India Act, _____.

- Ans
- ☐ 1. 1971
 - ☐ 2. 1923
 - ☒ 3. 1934
 - ☐ 4. 1947

Question ID : 6549788730

Status : Answered

Chosen Option : 3

Q.14 Who among the following was NOT one of the recipients of the US military decoration 'the Legion of Merit' in December 2020?

- Ans
- ☐ 1. Shinzo Abe
 - ☐ 2. Scott Morrison
 - ☒ 3. Boris Johnson
 - ☐ 4. Narendra Modi

Question ID : 6549788740

Status : Not Answered

Chosen Option : --

Q.15 On a computer keyboard, the Shift and Alt keys are examples of:

- Ans
- ☐ 1. numeric keys
 - ☐ 2. function keys
 - ☐ 3. cursor movement keys
 - ☒ 4. modifier keys

Question ID : 6549787308

Status : Answered

Chosen Option : 4

Q.16 In which of the following states is the Ajanta caves situated?

- Ans
- ☒ 1. Maharashtra
 - ☐ 2. Madhya Pradesh
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Kerala

Question ID : 6549787310

Status : Answered

Chosen Option : 1

Q.17 The nucleus of a cell is surrounded by a jelly-like substance called:

- Ans
- ☐ 1. stomata
 - ☐ 2. deltoid
 - ☒ 3. cytoplasm
 - ☐ 4. cell membrane

Question ID : 6549788733

Status : Not Answered

Chosen Option : --

Q.18 What is the meaning of the term 'collateral' in the context of the banking system?

- Ans
- ☐ 1. Collateral is an asset that a borrower took as a loan.
 - ☒ 2. Collateral is an asset that a borrower owns and uses this as a guarantee to a lender until the loan is repaid.
 - ☐ 3. Collateral is an asset that the government provides to farmers.
 - ☐ 4. Collateral is an asset of the government that is used for the protection of consumers.

Question ID : 6549787315

Status : Answered

Chosen Option : 2

Q.19 Which of the following is the slowest type of internet connection?

- Ans
- ☒ 1. Cable
 - ☒ 2. Dial-up
 - ☒ 3. Satellite
 - ☒ 4. Digital subscriber line (DSL)

Question ID : 6549788723

Status : Not Answered

Chosen Option : --

Q.20 In October 2019, who became the youngest cricketer in the world to score a double century in List A cricket?

- Ans
- ☒ 1. Atharva Ankolekar
 - ☒ 2. Ravi Bishnoi
 - ☒ 3. Yashasvi Jaiswal
 - ☒ 4. Dhruv Jurel

Question ID : 6549787332

Status : Not Answered

Chosen Option : --

Q.21 Who is the author of the novel 'Burnt Sugar'?

- Ans
- ☒ 1. Vikas Bahl
 - ☒ 2. Salman Rushdie
 - ☒ 3. Kiran Desai
 - ☒ 4. Avni Doshi

Question ID : 6549787327

Status : Not Answered

Chosen Option : --

Q.22 Which of the following nations is the smallest neighbour of India in terms of area?

- Ans
- ☒ 1. Bangladesh
 - ☒ 2. Maldives
 - ☒ 3. Nepal
 - ☒ 4. Afghanistan

Question ID : 6549788735

Status : Answered

Chosen Option : 4

Q.23 With which of the following sports is the FedEx Cup associated?

- Ans
- ☒ 1. Football
 - ☒ 2. Tennis
 - ☒ 3. Golf
 - ☒ 4. Badminton

Question ID : 6549787330

Status : Not Answered

Chosen Option : --

Q.24 A mango tree is an example of a/an:

- Ans
- ☒ 1. ambitroph
 - ☒ 2. heterotroph
 - ☒ 3. pseudotroph
 - ☒ 4. autotroph

Question ID : 6549788731

Status : Not Answered

Chosen Option : --

Q.25 Where was 'Dev Deepawali Mahotsav' celebrated in the presence of the PM Narendra Modi in November 2020?

- Ans
- ☒ 1. Varanasi
 - ☒ 2. Agra
 - ☒ 3. Prayagraj
 - ☒ 4. Mathura

Question ID : 6549787312

Status : Answered

Chosen Option : 3