Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	**www.qmaths.in**
Candidate Name	**www.qmaths.in**
Venue Name	iON Digital Zone iDZ Azad Puram
Exam Date	12/08/2021
Exam Time	3:00 PM - 4:00 PM
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. The man who had caught me was a dreadful sight.
B. Suddenly I was picked up, whirled through the air, and made to sit on a tombstone.
C. He was about forty years old, hard-faced and fierce.
D. I was only a child, and small for my age.

Ans ✖ 1. CBAD

✖ 2. DCBA

✖ 3. BACD

✔ 4. DBAC

> Question ID : **6549788455**
> Status : **Answered**
> Chosen Option : **4**

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

REPULSIVE

Ans ✖ 1. respectable

✖ 2. attractive

✖ 3. agreeable

✔ 4. disgusting

> Question ID : **6549788467**
> Status : **Answered**
> Chosen Option : **4**

Q.3 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 whole area has been designed like a garden from Alice in Wonderland.
B. It's about having fun and learning, too; all the activities help to explain the modern world of technology to the young visitors.
C. But 'The World of Children' isn't just about playing games and having joy rides.
D. There are several different attractions in this vast area and there is a lot to see and do.

Ans ✗ 1. ADBC

✗ 2. BCDA

✗ 3. CBDA

✔ 4. DACB

Question ID : **6549787444**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the most appropriate option to fill in the blank.

Scientists all over the world are engaged in _____ how to find a vaccine for COVID-19.

Ans ✔ 1. investigating

✗ 2. inspecting

✗ 3. scrutinizing

✗ 4. researching

Question ID : **6549788469**
Status : **Answered**
Chosen Option : **4**

Q.5 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

It would be / more better if / she sang / with an orchestra.

Ans ✗ 1. with an orchestra

✗ 2. she sang

✔ 3. more better if

✗ 4. It would be

Question ID : **6549787436**
Status : **Answered**
Chosen Option : **3**

Q.6 **Select the most appropriate word to fill in the blank.**

The marking of answer papers is _____ out by the course teacher.

Ans ✔️ 1. carried

❌ 2. done

❌ 3. checked

❌ 4. crossed

Question ID : **6549787458**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the INCORRECTLY spelt word.**

Ans ❌ 1. rocket

❌ 2. rogue

✔️ 3. rockiry

❌ 4. roaster

Question ID : **6549788462**
Status : **Answered**
Chosen Option : **3**

Q.8 **Select the most appropriate meaning of the given idiom.**

Not one's cup of tea

Ans ❌ 1. Not absolutely true

❌ 2. Of no concern for someone

✔️ 3. Not according to one's interest

❌ 4. Beyond one's comprehension

Question ID : **6549788461**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the most appropriate ANTONYM of the given word.**

Traditional

Ans ❌ 1. Customary

✔️ 2. Modern

❌ 3. Earthly

❌ 4. Conventional

Question ID : **6549787448**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the most appropriate meaning of the idiomatic expression given.**

To cross one's mind

Ans ❌ 1. To forget something

❌ 2. To move from one idea to another

❌ 3. To put a thought away from one's mind

✅ 4. To think of something

> Question ID : **6549787450**
> Status : **Answered**
> Chosen Option : **4**

Q.11 **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'.**

Mr. Sharma is <u>kind as</u> his father.

Ans ❌ 1. the kindest as

✅ 2. as kind as

❌ 3. kinder as

❌ 4. No substitution

> Question ID : **6549788456**
> Status : **Answered**
> Chosen Option : **2**

Q.12 **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'.**

He won't come to the party unless you <u>will invite</u> him personally.

Ans ❌ 1. would invite

❌ 2. No substitution required

❌ 3. invited

✅ 4. invite

> Question ID : **6549787447**
> Status : **Answered**
> Chosen Option : **4**

Q.13 **Select the option that expresses the given sentence in reported speech.**

"Our teacher returned from Mumbai last month", she said.

Ans ❌ 1. She said that her teacher had returned from Mumbai the earlier month.

❌ 2. Her teacher returned from Mumbai last month, she said.

❌ 3. She said that her teacher had returned from Mumbai the previous month.

✅ 4. She said that their teacher had returned from Mumbai the previous month.

> Question ID : **6549787435**
> Status : **Answered**
> Chosen Option : **3**

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

Cyclone Amphan roared into West Bengal on Wednesday leave behind a trail of devastation across a large area of the State.

Ans ✔️ 1. leave behind

❌ 2. a trail of devastation

❌ 3. across a large area

❌ 4. roared into West Bengal

Question ID : **6549788447**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the correct passive form of the given sentence.

In the evening we water the plants.

Ans ❌ 1. The plants were watered in the evening.

✔️ 2. The plants are watered in the evening.

❌ 3. The plants will be watered in the evening.

❌ 4. The plants have been watered in the evening.

Question ID : **6549788444**
Status : **Answered**
Chosen Option : **2**

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

Ban

Ans ❌ 1. Abandon

❌ 2. Ascertain

✔️ 3. Prohibit

❌ 4. Band

Question ID : **6549787456**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the option which means the same as the group of words given.

A hunting weapon which comes back, used by Australian Aborigines

Ans ❌ 1. cutlass

✔️ 2. boomerang

❌ 3. slingshot

❌ 4. harpoon

Question ID : **6549788464**
Status : **Answered**
Chosen Option : **3**

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

Causing a strong dislike

Ans ✗ 1. Redundant

✗ 2. Revealing

✗ 3. Hateful

✔ 4. Repulsive

> Question ID : **6549787455**
> Status : **Answered**
> Chosen Option : **4**

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

BUOYANT

Ans ✗ 1. lively

✔ 2. weighted

✗ 3. bouncy

✗ 4. enthusiastic

> Question ID : **6549788459**
> Status : **Answered**
> Chosen Option : **2**

Q.20 Select the INCORRECTLY spelt word.

Ans ✗ 1. Terrible

✗ 2. Uprooted

✔ 3. Tendansy

✗ 4. Haunted

> Question ID : **6549787453**
> 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.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)_____ books. Crime stories, ghost stories, and thrillers. (2)_____ had to buy at least five at a time to last him (3)_____ the week. He lived alone, was not a good mixer, had few (4)_____ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)_____ that somebody was observing him from close quarters.

SubQuestion No : 21

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

Ans ✗ 1. bought

✗ 2. buy

✔ 3. to buy

✗ 4. buying

Question ID : **6549788449**

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.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)_____ books. Crime stories, ghost stories, and thrillers. (2)_____ had to buy at least five at a time to last him (3)_____ the week. He lived alone, was not a good mixer, had few (4)_____ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)_____ that somebody was observing him from close quarters.

SubQuestion No : 22

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

Ans ✔ 1. He

✗ 2. She

✗ 3. Him

✗ 4. They

Question ID : **6549788450**

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.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)_____ books. Crime stories, ghost stories, and thrillers. (2)_____ had to buy at least five at a time to last him (3)_____ the week. He lived alone, was not a good mixer, had few (4)_____ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)_____ that somebody was observing him from close quarters.

SubQuestion No : 23

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

Ans   ✗   1. by

          ✗   2. within

          ✗   3. across

          ✔   4. through

> Question ID : **6549788451**
>
> 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.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)_____ books. Crime stories, ghost stories, and thrillers. (2)_____ had to buy at least five at a time to last him (3)_____ the week. He lived alone, was not a good mixer, had few (4)_____ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)_____ that somebody was observing him from close quarters.

SubQuestion No : 24

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

Ans   ✗   1. followers

          ✔   2. friends

          ✗   3. servants

          ✗   4. students

> Question ID : **6549788452**
>
> 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.

Every Monday, on his way back from work, Bepin Chaudhury would drop in at KaliCharan's in New Market (1)_____ books. Crime stories, ghost stories, and thrillers. (2)_____ had to buy at least five at a time to last him (3)_____ the week. He lived alone, was not a good mixer, had few (4)_____ , and didn't like spending time in idle chat. Today, at KaliCharan's, Bepin Babu had a (5)_____ that somebody was observing him from close quarters.

SubQuestion No : 25

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

Ans ✖ 1. intuition

✔ 2. feeling

✖ 3. connotation

✖ 4. perception

Question ID : **6549788453**

Status : **Answered**

Chosen Option : **1**

Section : **General Intelligence**

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

25, 26, 53, 160, 641, ?

Ans ✖ 1. 3403

✖ 2. 3202

✔ 3. 3206

✖ 4. 2908

Question ID : **6549788475**

Status : **Answered**

Chosen Option : **3**

Q.2 Select the option figure which contains figure X embedded in it as its part (rotation is NOT allowed).
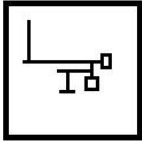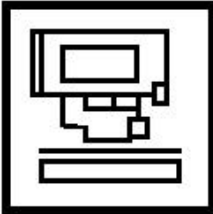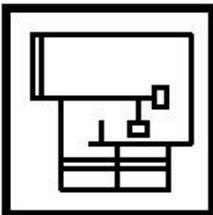

Figure X

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **6549788491**

Status : **Answered**

Chosen Option : **4**

Q.3 'East' is related to 'Direction' in the same way as 'Summer' is related to '_____'.

Ans ✗ 1. Room Cooler

✗ 2. Temperature

✔ 3. Season

✗ 4. Heat

Question ID : **6549788481**

Status : **Answered**

Chosen Option : **3**

Q.4 **Select the option in which the numbers in the set share the same relationship as that shared by the numbers of the given set.**

(14, 18, 42)

Ans ✗ 1. (40, 23, 94)

✗ 2. (20, 15, 100)

✗ 3. (22, 18, 74)

✔ 4. (16, 21, 56)

Question ID : **6549788473**

Status : **Answered**

Chosen Option : **4**

Q.5 **Select the option in which the numbers are related in the same way as are the numbers of the following set.**

(2, 3, 62)

Ans ✗ 1. (8, 5, 225)

✗ 2. (5, 9, 288)

✗ 3. (6, 4, 122)

✔ 4. (7, 4, 226)

Question ID : **6549787464**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.6 **If 'A & B' means 'A is the father of B' and 'A @ B' means 'A is the sister of B', then which of the following expressions means 'H is the father of M'?**

Ans ✗ 1. K & H @ P @ M

✗ 2. H @ K @ P & M

✔ 3. H & K @ P @ M

✗ 4. M & K @ P @ H

Question ID : **6549787675**

Status : **Answered**

Chosen Option : **3**

Q.7 **In a certain code language, 'FROZEN' is coded as '504' and 'TONSILS' is coded as '756'. How will 'MARINE' be coded in that language?**

Ans ✔ 1. 360

✗ 2. 652

✗ 3. 520

✗ 4. 456

Question ID : **6549787469**

Status : **Answered**

Chosen Option : **3**

Q.8 Select the set of classes the relationship among which is best illustrated by the following Venn diagram.

Ans ✗ 1. Owls, Mammals, Reptiles

✓ 2. Doctors, Fathers, Brothers

✗ 3. Mothers, Engineers, Women

✗ 4. Stationery, Pens, Pencils

Question ID : **6549787484**

Status : **Answered**

Chosen Option : **2**

Q.9 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

c k _ g k c _ t _ k _ k t g _ c k _ g k

Ans ✗ 1. t, k, c, g, k, t

✗ 2. t, k, g, c, c, t

✗ 3. t, g, k, c, k, t

✓ 4. t, k, g, c, k, t

Question ID : **6549786664**

Status : **Answered**
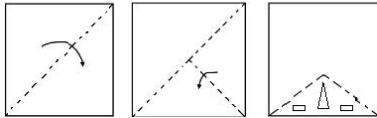
Chosen Option : **4**

Q.10 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.

127 : 11 :: ? : 16 :: 367 : 19
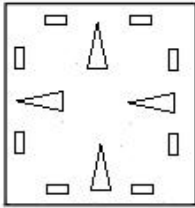
Ans ✗ 1. 248

✗ 2. 216

✓ 3. 262

✗ 4. 280

Question ID : **6549787462**

Status : **Answered**

Chosen Option : **3**

Toppers Choice: "Blackbook of English Vocabulary" and "Blackbook of General Awareness".

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8/20/2021, 7:19 PM

Q.11 A piece of paper is folded and cut as shown below in the question figures. Select from the option figures, how it will appear when unfolded.
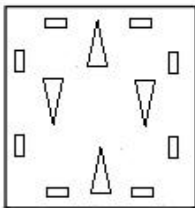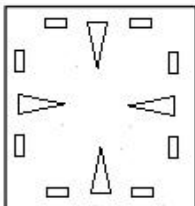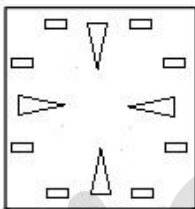
Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **6549788492**

Status : **Answered**

Chosen Option : **3**

Q.12 Select the correct combination of mathematical signs to sequentially replace the * signs to balance the following equation.

40 * 15 * 3 * 72 * 9 = 77

Ans ✗ 1. +, ÷, −, ×, =

✗ 2. ×, ÷, +, −, =

✗ 3. +, ×, ÷, −, =

✔ 4. +, ×, −, ÷, =

Question ID : **6549788471**

Status : **Answered**

Chosen Option : **4**

Q.13 In a code language, TOUCH is written as UTOHC. How will PLANT be written in that
language?

Ans ✗ 1. TPANM

✗ 2. ALRPT

✓ 3. TPNLA

✗ 4. QMBOU

Question ID : **6549788478**

Status : **Marked For Review**

Chosen Option : **2**

Q.14 Three of the following four words are alike in a certain way and one is different. Select
the odd one.

Ans ✗ 1. Lungs

✗ 2. Liver

✗ 3. Heart

✓ 4. Nose

Question ID : **6549788486**

Status : **Answered**

Chosen Option : **4**

Q.15 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. 19 : 324

✗ 2. 5 : 35

✗ 3. 13 : 195

✗ 4. 7 : 63

Question ID : **6549787466**

Status : **Answered**

Chosen Option : **1**

Q.16 How many triangles are there in the given figure?

Ans ✓ 1. 15

✗ 2. 16

✗ 3. 17

✗ 4. 14

Question ID : **6549787480**

Status : **Answered**

Chosen Option : **3**

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

Ans

1.

2. ✔

3.

4.

Question ID : **6549788493**

Status : **Answered**

Chosen Option : **2**

Q.18 **Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.**

1. Industry
2. Indent
3. Indoor
4. Indolent
5. Index

Ans   ✗ 1. 2, 4, 5, 3, 1

✗ 2. 2, 1, 3, 5, 4

✗ 3. 1, 2, 3, 5, 4

✔ 4. 2, 5, 4, 3, 1

Question ID : **6549787467**

Status : **Answered**

Chosen Option : **4**

Q.19 In a class of 68 students, 34 students participated only in Debate and 8 students participated in both Quiz and Debate. If every student of the class has participated in at least one of these two competitions, how many students participated in Quiz?

Ans ✗ 1. 22

✗ 2. 30

✓ 3. 34

✗ 4. 26

Question ID : **6549787460**

Status : **Answered**

Chosen Option : **4**

Q.20 Two statements are given, followed by three conclusions numbered I, II and III. 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:
No field is a house.
All fields are parks.

Conclusions:
I. No house is a field.
II. Some parks are fields.
III. Some houses are fields.

Ans ✗ 1. Only conclusions II and III follow

✗ 2. Only conclusion II follows

✓ 3. Only conclusions I and II follow

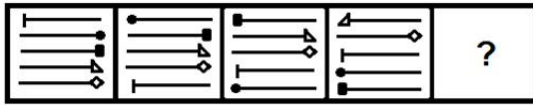✗ 4. All the conclusions follow

Question ID : **6549788487**

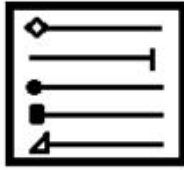Status : **Answered**

Chosen Option : **3**

Q.21 Select the figure from among the given options that can replace the question mark (?) in the following series.
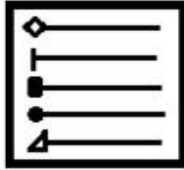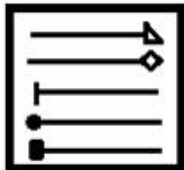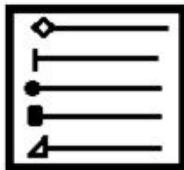

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **6549787479**

Status : **Answered**

Chosen Option : **4**

Q.22 Select the option in which the words share the same relationship as that shared by the given pair of words.

Astronomy : Stars

Ans   ✗ 1. Seismology : Theatre

✗ 2. Philology : Texture

✓ 3. Numismatics : Coins

✗ 4. Psychology : Cells

Question ID : **6549787474**

Status : **Answered**

Chosen Option : **3**

Q.23 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.

AZW : GFC : : LSM : ?

Ans   ✘ 1. DMT

   ✘ 2. RXY

   ✘ 3. QOS

   ✔ 4. RYS

Question ID : **6549788480**

Status : **Answered**

Chosen Option : **4**

Q.24 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. VBHN

   ✘ 2. HNTZ

   ✔ 3. IPVA

   ✘ 4. AGMS

Question ID : **6549787475**

Status : **Answered**

Chosen Option : **3**

Q.25 A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the opposite side of 'K'?

P	
K	M
	O
L	N
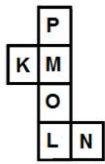
Ans   ✔ 1. N

   ✘ 2. L

   ✘ 3. O

   ✘ 4. P

Question ID : **6549787478**

Status : **Answered**

Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 24% of Reena's salary is equal to 38% of Sunita's salary. Veena's salary is two-third of the total salary of Reena and Sunita. If Veena's salary is ₹62,000, then Sunita's salary is:
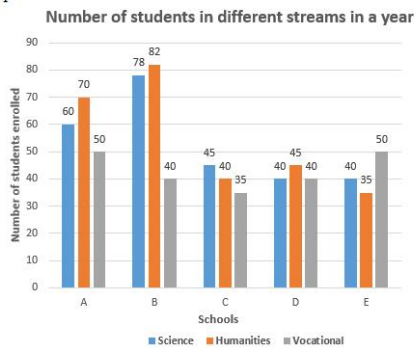
Ans
✗ 1. ₹32,000

✗ 2. ₹38,000

✗ 3. ₹35,000

✔ 4. ₹36,000

Question ID : **6549787490**

Status : **Answered**

Chosen Option : **4**

Q.2 The number of students enrolled in different streams at Senior Secondary level in five schools is shown in the given bar graph.

Number of students in different streams in a year

What is the total number of students enrolled in the Science stream in all the schools?

Ans
✗ 1. 268

✔ 2. 263

✗ 3. 267

✗ 4. 257

Question ID : **6549788516**

Status : **Answered**

Chosen Option : **2**

Q.3 A man invests an amount of ₹1,05,750 at simple interest in the name of his son, daughter and his wife in such a way that they get the same interest after 3, 4 and 5 years, respectively. If the rate of interest is 5% per annum, then the amount invested for the wife is:

Ans
✗ 1. ₹25,000

✗ 2. ₹28,000

✔ 3. ₹27,000

✗ 4. ₹30,000

Question ID : **6549787493**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.4 Two circles with centres O and P and radii 17 cm and 10 cm, respectively, intersect each other at A and B. The length of the common chord AB is 16 cm. What is the perimeter of the triangle OAP (in cm)?

Ans ✔ 1. 48

✗ 2. 25

✗ 3. 33

✗ 4. 40

Question ID : **6549788505**

Status : **Answered**

Chosen Option : **1**

Q.5 If a triangle ABC is right-angled at A, then what is the value of $sin\frac{B+C}{2}cos\frac{B+C}{2}$?

Ans ✔ 1. $\frac{1}{2}$

✗ 2. $\frac{\sqrt{3}}{4}$

✗ 3. $\sqrt{2}$

✗ 4. $\frac{1}{4}$

Question ID : **6549788513**

Status : **Answered**

Chosen Option : **1**

Q.6 The sum of all the three sides of an equilateral triangle is $15\sqrt{3}cm$. The height of the triangle is:

Ans ✗ 1. 7 cm

✗ 2. 8 cm

✔ 3. 7.5 cm

✗ 4. 9 cm

Question ID : **6549787496**

Status : **Answered**

Chosen Option : **3**

Q.7 Two equal circles of radius 8 cm intersect each other such that each passes through the centre of the other. The length of the common chord is:

Ans ✗ 1. $8\sqrt{2}cm$

✔ 2. $8\sqrt{3}cm$

✗ 3. 8 cm

✗ 4. $4\sqrt{3}cm$

Question ID : **6549787494**

Status : **Answered**

Chosen Option : **2**

Q.8 If $x + \frac{1}{x} = \sqrt{13}$, then one of the values of $x^3 - \frac{1}{x^3}$ is :

Ans

✗ 1. $4\sqrt{11}$

✓ 2. 36

✗ 3. 32

✗ 4. $4\sqrt{13}$

Question ID : **6549788510**

Status : **Answered**

Chosen Option : **2**

Q.9 In $\triangle ABC$, $AC = BC$, and the length of the base AB is 10 cm. If $CG = 8$ cm, where G is the centroid, then what is the length of AC?

Ans

✗ 1. $\sqrt{91}$ cm

✗ 2. 15 cm

✗ 3. 12 cm

✓ 4. 13 cm

Question ID : **6549788507**

Status : **Not Answered**

Chosen Option : **--**

Q.10 If $x^2 + \frac{1}{x^2} = 83$, $x > 0$, then the value of $x^3 - \frac{1}{x^3}$ is:

Ans

✓ 1. 756

✗ 2. 675

✗ 3. 746

✗ 4. 576

Question ID : **6549787498**

Status : **Answered**

Chosen Option : **1**

Q.11 If the nine-digit number '8475639AB' is divisible by 99, then what is the value of A and B?

Ans

✗ 1. $A = 3$, $B = 9$

✗ 2. $A = 4$, $B = 6$

✓ 3. $A = 4$, $B = 8$

✗ 4. $A = 5$, $B = 3$

Question ID : **6549787501**

Status : **Answered**

Chosen Option : **3**

Q.12 A, B, C and D are four positive numbers such that A is $\frac{3}{4}$ times of B, B is $\frac{4}{5}$ times of C, and C is $\frac{3}{8}$ times of D. If the average of 4 times of A and 7 times of D is 316, then the average of all the four numbers A, B, C and D is:

Ans

  ✔ 1.   38

  ✘ 2.   36

  ✘ 3.   34

  ✘ 4.   28

Question ID : **6549787488**

Status : **Not Answered**

Chosen Option : **--**

Q.13 Study the given bar graph and answer the question that follows.

A tea plantation company produces three varieties of tea—black tea, green tea and herbal tea. The production of three varieties (in million tonnes) over a period of six years from 2014 to 2019, has been shown in the bar graph here. The X-axis represents the years and the Y-axis displays the production of the three varieties in million tonnes.
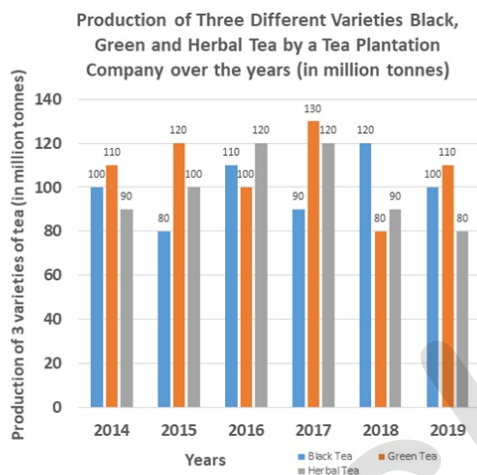
The average production of black tea in 2014, 2015 and 2018 is how much more or less (in million tonnes) than the average production of green tea in 2016, 2017 and 2019?

Ans

  ✘ 1.   Less, 12.33

  ✔ 2.   Less, 13.33

  ✘ 3.   More, 13.33

  ✘ 4.   More, 12.33

Question ID : **6549789124**

Status : **Answered**

Chosen Option : **3**

Q.14 If $\sec\theta - \csc\theta = 0$ and θ is an acute angle, then what is the value of $\sec^2\theta + \csc^2\theta$?

Ans

  ✘ 1.   2

  ✘ 2.   0

  ✘ 3.   1

  ✔ 4.   4

Question ID : **6549788515**

Status : **Answered**

Chosen Option : **4**

Q.15 A car takes 50 minutes to cover a certain distance at a speed of 54 km/h. If the speed is increased by 25%, then how long will it take to cover three-fourth of the same distance?

Ans

  ✗ 1. 25 minutes

  ✗ 2. 35 minutes

  ✔ 3. 30 minutes

  ✗ 4. 40 minutes

Question ID : **6549787486**

Status : **Answered**

Chosen Option : **3**

Q.16 What will be the selling price of an article if two successive discounts of 15% and 12% are offered on its marked price of ₹25,500?

Ans

  ✔ 1. ₹19,074

  ✗ 2. ₹18,615

  ✗ 3. ₹25,041

  ✗ 4. ₹21,165

Question ID : **6549788499**

Status : **Answered**

Chosen Option : **1**

Q.17 Anu can complete a piece of work in 22 days. Shama is 60% more efficient than Anu. How many days does Shama alone take to complete the same piece of work?

Ans

  ✗ 1. $36\frac{2}{3}$

  ✗ 2. $35\frac{1}{3}$

  ✗ 3. $13\frac{1}{5}$

  ✔ 4. $13\frac{3}{4}$

Question ID : **6549788495**

Status : **Answered**

Chosen Option : **3**

Q.18 A rectangle with perimeter 50 cm has its sides in the ratio 1 : 4. What is the perimeter of a square whose area is the same as that of the rectangle?

Ans

  ✗ 1. 45 cm

  ✔ 2. 40 cm

  ✗ 3. 50 cm

  ✗ 4. 36 cm

Question ID : **6549788497**

Status : **Answered**

Chosen Option : **2**

Q.19 The given pie charts represent the distribution of candidates who enrolled for a bank clerical examination and the candidates (out of those enrolled) who passed the examination, from five different institutes P, Q, R, S and T. Study the pie charts and answer the question that follows.

(i) Total number of candidates who enrolled for the examination from five institutes = 5500
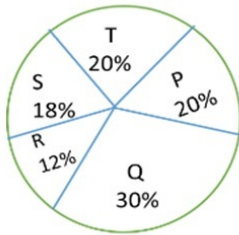
T 20%
P 20%
Q 30%
R 12%
S 18%

Fig.(i)

(ii) Total number of candidates who passed the examination from five institutes = 3300
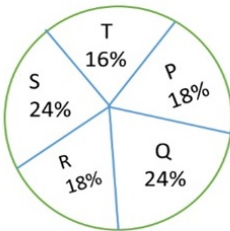
T 16%
P 18%
Q 24%
R 18%
S 24%

Fig.(ii)

Which institute(s) has/have the highest percentage of candidates passed to the candidates enrolled?

Ans
✖ 1. P

✖ 2. S

✖ 3. Q and T

✔ 4. R

Question ID : **6549787509**
Status : **Answered**
Chosen Option : **2**

Q.20 Simplify the following expression.

$$5\frac{1}{3} \div \left[7 - 3 \div \left(1 - \frac{1}{4}\right) \times \frac{2}{3} + 1\right] - 3 \div 1 + 2$$

Ans
✖ 1. -4

✖ 2. $\frac{7}{41}$

✖ 3. 15

✔ 4. 0

Question ID : **6549788512**
Status : **Answered**
Chosen Option : **4**

Q.21 Two numbers A and B are in the ratio 13 : 17. If A is increased by 15% and B is increased by 30%, then the new ratio of A to B will be:

Ans
✗ 1. 21 : 31
✗ 2. 21 : 29
✔ 3. 23 : 34
✗ 4. 23 : 33

Question ID : **6549787492**

Status : **Answered**

Chosen Option : **3**

Q.22 If $\tan A + \sec A = \dfrac{3}{2}$ and A is an acute angle, then the value of $\dfrac{10 \cot A + 13 \cos A}{12 \tan A + 5 \operatorname{cosec} A}$ is:

Ans
✔ 1. 2
✗ 2. 4
✗ 3. 1
✗ 4. 5

Question ID : **6549787504**

Status : **Answered**

Chosen Option : **3**

Q.23 Study the given bar graphs and answer the question that follows.

The bar graphs represent the amount invested in raw materials (in ₹ crore) and the sale of the products, by a textile company in the years 2007– 2012. The X-axis represents the years. The Y-axis represents the amount invested in raw materials (in ₹ crore) in figure 1 and sale of products in figure 2, respectively.

Amount (Rs. in crores) invested in raw material by a textile company from 2007 to 2012

Figure 1

Sale of Products (Rs. in crores) of the textile company from 2007 to 2012
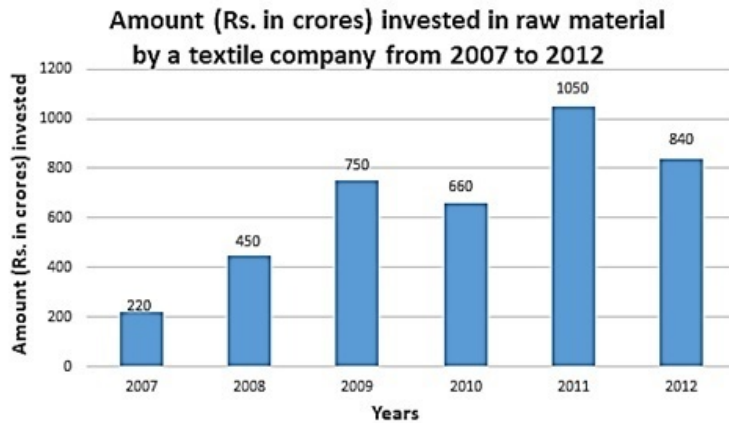

Figure 2

In which year was there a maximum percentage increase in the sales of products as compared to the previous year?

Ans
✗ 1. 2010
✗ 2. 2011
✔ 3. 2009
✗ 4. 2008

Question ID : **6549786801**
Status : **Answered**
Chosen Option : **4**

Q.24 If $x^2 + (4 - \sqrt{3})x - 1 = 0$, then what is the value of $x^2 + \frac{1}{x^2}$?

Ans
✔ 1. $21 - 8\sqrt{3}$

✘ 2. $21 - 12\sqrt{3}$

✘ 3. $9 - 8\sqrt{3}$

✘ 4. $17 - 8\sqrt{3}$

> Question ID : **6549788509**
> Status : **Answered**
> Chosen Option : **4**

Q.25 A shopkeeper sold an article for ₹3,750. If he had charged 24% less, even then he would have earned a profit of 14%. What is the original cost of the article?

Ans
✘ 1. ₹2,850

✘ 2. ₹2,717

✔ 3. ₹2,500

✘ 4. ₹3,289

> Question ID : **6549788501**
> Status : **Answered**
> Chosen Option : **3**

Section : **General Awareness**

Q.1 According to the fundamental rights provided by the Constitution of India, the state is bound to provide free and compulsory education to all children from the age of:

Ans
✔ 1. 6 to 14 years

✘ 2. 4 to 18 years

✘ 3. 3 to 18 years

✘ 4. 4 to 15 years

> Question ID : **6549788541**
> Status : **Answered**
> Chosen Option : **1**

Q.2 With which country did India hold its 14th Defence Policy Dialogue via video conferencing in August 2020?

Ans
✘ 1. China

✘ 2. Japan

✔ 3. Singapore

✘ 4. The US

> Question ID : **6549787515**
> Status : **Answered**
> Chosen Option : **4**

Q.3 **Which of the following is NOT an example of an optical disk?**

Ans   ✔ 1. PROM

✘ 2. Blue Ray Disk

✘ 3. CD ROM

✘ 4. DVD

Question ID : **6549787510**	
Status : **Answered**	
Chosen Option : **1**	

Q.4 **Who among the following foreign travellers is NOT correctly matched with their respective country they hail from?**

Ans   ✘ 1. Ibn Battuta – Morocco

✘ 2. Marco Polo – Italy

✘ 3. Al-Biruni – Uzbekistan

✔ 4. Peter Mundy – China

Question ID : **6549787527**	
Status : **Answered**	
Chosen Option : **4**	

Q.5 **Who among the following was NOT included in the ICC Hall of Fame in August 2020?**

Ans   ✔ 1. Graeme Smith

✘ 2. Zaheer Abbas

✘ 3. Lisa Sthalekar

✘ 4. Jacques Kallis

Question ID : **6549787534**	
Status : **Answered**	
Chosen Option : **3**	

Q.6 **The total liability of the monetary authority of the country, Reserve Bank of India, is called:**

Ans   ✘ 1. Hot money

✘ 2. Cold cash

✘ 3. Grey money

✔ 4. High powered money

Question ID : **6549787517**	
Status : **Answered**	
Chosen Option : **3**	

Q.7 **As of January 2021, GMR Group was associated with which of the following franchises in the Indian Premier League (IPL) cricket tournament?**

Ans ✗ 1. Rajasthan Royals

✓ 2. Delhi Capitals

✗ 3. Mumbai Indians

✗ 4. Chennai Super Kings

Question ID : **6549788543**

Status : **Answered**

Chosen Option : **1**

Q.8 **The mutual funds industry in India is regulated by which of the following organisations?**

Ans ✓ 1. SEBI and RBI

✗ 2. Ministry of Commerce and SIDBI

✗ 3. NITI Aayog and IIFCL

✗ 4. IRDA and IFCI

Question ID : **6549788528**

Status : **Answered**

Chosen Option : **1**

Q.9 **Dogri language is mainly spoken in which of the following states/union territories?**

Ans ✗ 1. Uttarakhand

✓ 2. Jammu and Kashmir

✗ 3. Assam

✗ 4. Lakshadweep

Question ID : **6549788523**

Status : **Answered**

Chosen Option : **2**

Q.10 **Where was the Patrika Gate inaugurated by Prime Minister Narendra Modi in September 2020?**

Ans ✗ 1. Raipur

✗ 2. Bhopal

✗ 3. Ranchi

✓ 4. Jaipur

Question ID : **6549787514**

Status : **Answered**

Chosen Option : **2**

Q.11 'Pradhan Mantri Awas Yojana (Urban)-PMAY (U)'s mission is to achieve the goal of Housing for All in urban areas by:

Ans ✗ 1. 2021

✗ 2. 2020

✓ 3. 2022

✗ 4. 2023

Question ID : **6549788526**

Status : **Answered**

Chosen Option : **3**

Q.12 निम्न में से कौन-सा कारक मृदा निर्माण के लिए उत्तरदायी नहीं है?

Ans ✗ 1. बायोटिक एजेंट (Biotic agent)

✗ 2. मूल सामग्री (Parent material)

✓ 3. मवेशी चराई (Cattle grazing)

✗ 4. स्थलाकृति (Topography)

Question ID : **6549787524**

Status : **Answered**

Chosen Option : **4**

Q.13 Where is the Sariska Tiger Reserve located?

Ans ✗ 1. Gujarat

✗ 2. Karnataka

✗ 3. Haryana

✓ 4. Rajasthan

Question ID : **6549788532**

Status : **Answered**

Chosen Option : **3**

Q.14 Which of the following statements is NOT correct about alluvial soil?

Ans ✗ 1. Old alluvial is called 'bangar' and new alluvial is called 'khadar'.

✗ 2. Deltas of Mahanadi, the Godavari and the Krishna are made from alluvial soil.

✗ 3. Northern plains are made of alluvial soil.

✓ 4. In the Himalayan region we find alluvial soil.

Question ID : **6549787525**

Status : **Not Answered**

Chosen Option : **--**

Q.15 Who among the following was honoured with the long-overdue record title for 'fastest human computation' by Guinness World Records on 30 July 2020?

Ans   ✗ 1. Vashishtha Narayan Singh

✓ 2. Shakuntala Devi

✗ 3. Vijay Kumar Patodi

✗ 4. Shreeram Shankar Abhyankar

Question ID : **6549788538**

Status : **Answered**

Chosen Option : **2**

Q.16 Which of the following Articles of the Constitution of India is related to the oath or affirmation by the President?

Ans   ✗ 1. Article 54

✗ 2. Article 66

✗ 3. Article 57

✓ 4. Article 60

Question ID : **6549787530**

Status : **Answered**

Chosen Option : **1**

Q.17 Who among the following was responsible for the partition of Bengal in 1905?

Ans   ✗ 1. Lord Ripon

✗ 2. Lord Mayo

✓ 3. Lord Curzon

✗ 4. Lord Canning

Question ID : **6549788536**

Status : **Answered**

Chosen Option : **1**

Q.18 With which of the following states is the 'Mand' or 'Maand' style of singing associated?

Ans   ✗ 1. Gujarat

✓ 2. Rajasthan

✗ 3. Uttar Pradesh

✗ 4. Madhya Pradesh

Question ID : **6549787512**

Status : **Answered**

Chosen Option : **1**

Q.19 In September 2020, who was appointed as Executive Director of Asian Development Bank, Manila?

Ans ✗ 1. Warotai Kosolpisitkul

✗ 2. Rajesh Khullar

✗ 3. Jason Chung

✔ 4. Sameer Khare

Question ID : **6549787529**

Status : **Answered**

Chosen Option : **3**

Q.20 Rickets and night-blindness are caused by the deficiency of _____ and _____, respectively.

Ans ✗ 1. Vitamin E, Vitamin A

✗ 2. Vitamin D, Vitamin C

✗ 3. Vitamin B1, Vitamin C

✔ 4. Vitamin D, Vitamin A

Question ID : **6549787520**

Status : **Answered**

Chosen Option : **4**

Q.21 Which of the following states was popularly known as the 'Land of Gods'? It got a separate identity as a state on 9 November 2000.

Ans ✗ 1. Goa

✗ 2. Karnataka

✗ 3. Telangana

✔ 4. Uttarakhand

Question ID : **6549788533**

Status : **Answered**

Chosen Option : **4**

Q.22 Swollen bluish veins resulting from the valves that do not close properly are called _____.

Ans ✗ 1. systemic veins

✗ 2. deep veins

✗ 3. superficial veins

✔ 4. varicose veins

Question ID : **6549788531**

Status : **Not Answered**

Chosen Option : **--**

Q.23 National Rifle Association of India was founded in:

Ans ✓ 1. 1951

✗ 2. 1948

✗ 3. 1964

✗ 4. 1956

Question ID : **6549787532**

Status : **Not Answered**

Chosen Option : **--**

Q.24 A device or program that enables a computer to transmit data over telephone or cable lines is called:

Ans ✗ 1. motherboard

✓ 2. modem

✗ 3. monitor

✗ 4. mouse

Question ID : **6549788521**

Status : **Answered**

Chosen Option : **2**

Q.25 Which of the following gases is released in the process of photosynthesis?

Ans ✗ 1. Nitrogen

✓ 2. Oxygen

✗ 3. Nitrous dioxide

✗ 4. Carbon dioxide

Question ID : **6549788529**

Status : **Answered**

Chosen Option : **2**