Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	www.qmaths.in
Candidate Name	www.qmaths.in
Venue Name	Sanaka Educational Trust Group of Institutions
Exam Date	11/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

You <u>must return back</u> the book you borrowed last month.

Ans ✗ 1. must be returned back

✗ 2. must be returned

✓ 3. must return

✗ 4. No substitution required

Question ID : **6549787548**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the option that expresses the given sentence in reported speech.

The new employee asked the manager, "When do I have to report for work?"

Ans ✗ 1. The manager told the new employee when to report for work.

✓ 2. The new employee asked the manager when he had to report for work.

✗ 3. The new manager asked the employee when he would report for work.

✗ 4. The new employee told the manager that when he had to report for work.

Question ID : **6549787536**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the INCORRECTLY spelt word.

Ans ✗ 1. Disastrous

✓ 2. Canfidents

✗ 3. Provoke

✗ 4. Ambush

Question ID : **6549787654**
Status : **Answered**
Chosen Option : **2**

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

Schools will restart physical classes partially and states have _____ their own conditions and procedures to ensure the safety of students.

Ans ✖ 1. adopted

✖ 2. accepted

✔ 3. devised

✖ 4. insisted

Question ID : **6549787661**
Status : **Answered**
Chosen Option : **3**

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

To fish in troubled waters

Ans ✔ 1. To take advantage of a difficult situation

✖ 2. To try to find a big catch in the deep sea

✖ 3. To try to do something that is very difficult

✖ 4. To catch fish in stormy weather in the sea

Question ID : **6549787653**
Status : **Answered**
Chosen Option : **1**

Q.6 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Only five minutes / are allowed / for each speaker / during the function.

Ans ✖ 1. during the function

✖ 2. for each speaker

✔ 3. are allowed

✖ 4. Only five minutes

Question ID : **6549787537**
Status : **Answered**
Chosen Option : **3**

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Although we had / very good batsmen, / we couldn't be able to / score high.

Ans ✖ 1. very good batsmen

✖ 2. Although we had

✔ 3. we couldn't be able to

✖ 4. score high

Question ID : **6549787639**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the most appropriate ANTONYM of the given word.**

Gloomy

Ans ✗ 1. Catchy

✗ 2. Dismal

✔ 3. Bright

✗ 4. Dull

Question ID : **6549787549**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the option that can be used as a one-word substitute for the given group of words.**

A busy, main road for public use

Ans ✗ 1. Avenue

✗ 2. Highway

✗ 3. Promenade

✔ 4. Thoroughfare

Question ID : **6549787556**
Status : **Answered**
Chosen Option : **3**

Q.10 **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'.**

We have finished our work for the day, so <u>let we go home</u> early today.

Ans ✗ 1. No substitution required

✗ 2. let ours go

✔ 3. let us go

✗ 4. let our go

Question ID : **6549787648**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the most appropriate synonym of the given word.**

Appalling

Ans ✔ 1. Shocking

✗ 2. Fantastic

✗ 3. Tremendous

✗ 4. Awesome

Question ID : **6549787659**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the most appropriate word to fill in the blank.

When you speak, there are gestures and body language that _____ your words.

Ans ✗ 1. construct

✗ 2. achieve

✔ 3. accompany

✗ 4. accomplish

Question ID : **6549787559**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the most appropriate ANTONYM of the given word.

Curt

Ans ✗ 1. Impolite

✗ 2. Rude

✗ 3. Dismal

✔ 4. Polite

Question ID : **6549787651**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the option that expresses the given sentence in the active or passive voice.

Fifteen children were rescued from an unregistered home by the police.

Ans ✔ 1. The police rescued fifteen children from an unregistered home.

✗ 2. The police were rescued fifteen children from an unregistered home.

✗ 3. The police have rescued fifteen children from an unregistered home.

✗ 4. Fifteen children rescued the police from an unregistered home.

Question ID : **6549787636**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the most appropriate meaning of the idiomatic expression given.

At a stone's throw

Ans ✔ 1. At a very short distance

✗ 2. Beat someone with a stone

✗ 3. Throw a stone at someone

✗ 4. Like throwing a stone

Question ID : **6549787551**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

A quick, sudden movement

Ans ✗ 1. Speck

✗ 2. Fleck

✗ 3. Dust

✔ 4. Flick

Question ID : **6549787656**

Status : **Answered**

Chosen Option : **4**

Q.17 Select the most appropriate synonym of the given word.

Trail

Ans ✗ 1. Win

✔ 2. Path

✗ 3. Rehearsal

✗ 4. Glory

Question ID : **6549787557**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the INCORRECTLY spelt word.

Ans ✗ 1. Dilemma

✔ 2. Unpretensious

✗ 3. Recurrent

✗ 4. Excellence

Question ID : **6549787554**

Status : **Answered**

Chosen Option : **2**

Q.19 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. This means that decisions should not be taken under any kind of pressure to benefit individuals or only a small section of society.
B. First, there should be transparency in making decisions; secrecy breeds corruption.
C. There are certain values that civil servants need to imbibe in themselves for better administration.
D. Then, all decisions must be taken only in public interest, to benefit the community at large.

Ans ✗ 1. DABC

✗ 2. CADB

✗ 3. BADC

✔ 4. CBDA

Question ID : **6549787647**

Status : **Answered**

Chosen Option : **4**

Q.20 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. This cooled off into darkness after a few million years.
B. The first time was when the universe began its existence as a glowing fireball.
C. In the modern scientific story, light was created not once but twice.
D. The second time was when the cold material condensed into dense nuggets and ignited to become the first stars.

Ans   ✔ 1. CBAD

✘ 2. DBAC

✘ 3. ABCD

✘ 4. BADC

Question ID : **6549787545**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

What are the future possibilities for space travel in the long term? (1) _____ will humans go after they have explored our solar system? It is said that 'Star Trek' could hold the (2) _____ to these questions. It is predicted that travel to other galaxies will only be (3) _____ in huge 'starships'. These will wander through space for hundreds or even thousands of years. Each of them will carry a large human (4) _____. Some of those people will take over a suitable new planet and settle down there. This search for new planets to settle in will continue until life on planet Earth could be just a (5) _____ memory.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

Ans   ✘ 1. How

✘ 2. Why

✔ 3. Where

✘ 4. When

Question ID : **6549787641**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

What are the future possibilities for space travel in the long term? (1) _____ will humans go after they have explored our solar system? It is said that 'Star Trek' could hold the (2) _____ to these questions. It is predicted that travel to other galaxies will only be (3) _____ in huge 'starships'. These will wander through space for hundreds or even thousands of years. Each of them will carry a large human (4) _____. Some of those people will take over a suitable new planet and settle down there. This search for new planets to settle in will continue until life on planet Earth could be just a (5) _____ memory.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

Ans   ✘ 1. solution

✘ 2. query

✘ 3. door

✔ 4. answer

Question ID : **6549787642**
Status : **Answered**
Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

What are the future possibilities for space travel in the long term? (1) _____ will humans go after they have explored our solar system? It is said that 'Star Trek' could hold the (2) _____ to these questions. It is predicted that travel to other galaxies will only be (3) _____ in huge 'starships'. These will wander through space for hundreds or even thousands of years. Each of them will carry a large human (4) _____. Some of those people will take over a suitable new planet and settle down there. This search for new planets to settle in will continue until life on planet Earth could be just a (5) _____ memory.

SubQuestion No : 23

Q.23 **Select the most appropriate option to fill in blank number 3.**

Ans ✖ 1. implemented

✖ 2. achieved

✔ 3. possible

✖ 4. imagined

Question ID : **6549787643**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

What are the future possibilities for space travel in the long term? (1) _____ will humans go after they have explored our solar system? It is said that 'Star Trek' could hold the (2) _____ to these questions. It is predicted that travel to other galaxies will only be (3) _____ in huge 'starships'. These will wander through space for hundreds or even thousands of years. Each of them will carry a large human (4) _____. Some of those people will take over a suitable new planet and settle down there. This search for new planets to settle in will continue until life on planet Earth could be just a (5) _____ memory.

SubQuestion No : 24

Q.24 **Select the most appropriate option to fill in blank number 4.**

Ans ✔ 1. population

✖ 2. proportion

✖ 3. colony

✖ 4. instinct

Question ID : **6549787644**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

What are the future possibilities for space travel in the long term? (1) _____ will humans go after they have explored our solar system? It is said that 'Star Trek' could hold the (2) _____ to these questions. It is predicted that travel to other galaxies will only be (3) _____ in huge 'starships'. These will wander through space for hundreds or even thousands of years. Each of them will carry a large human (4) _____. Some of those people will take over a suitable new planet and settle down there. This search for new planets to settle in will continue until life on planet Earth could be just a (5) _____ memory.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans   ✔️ 1. distant

   ❌ 2. nearest

   ❌ 3. imaginary

   ❌ 4. factual

Question ID : **6549787645**

Status : **Marked For Review**

Chosen Option : **3**

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.
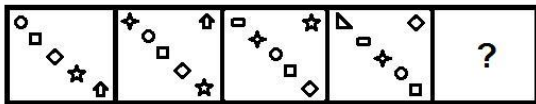
(16, 60, 240)

Ans   ❌ 1. (16, 38, 260)

   ✔️ 2. (18, 56, 252)

   ❌ 3. (14, 42, 196)

   ❌ 4. (20, 12, 121)

Question ID : **6549787665**
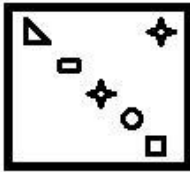
Status : **Not Answered**

Chosen Option : **--**

Q.2 Select the figure from among the given options that can replace the question mark (?) in the following series.
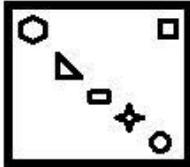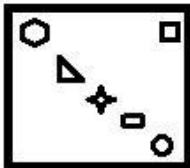

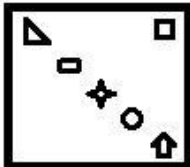**Ans**

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **6549787580**

Status : **Answered**

Chosen Option : **2**

Q.3 Select the option that is related to the third word in the same way as the second word is related to the first word.

Entomology : Insects : : Palaeontology : ?

Ans ✗ 1. Earthquakes

✗ 2. Automobile

✗ 3. Minerals

✔ 4. Fossils

Question ID : **6549787673**

Status : **Answered**

Chosen Option : **4**

Q.4 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.

24 : 144 : : ? : 174 : : 35 : 210

Ans ✗ 1. 33

✗ 2. 38

✗ 3. 27

✔ 4. 29

Question ID : **6549787563**

Status : **Answered**

Chosen Option : **4**

Q.5 Which two signs should be interchanged to make the given equation correct?

45 − 49 + 26 × 70 ÷ 35 = 42

Ans
✘ 1. ÷ and ×

✔ 2. + and −

✘ 3. × and −

✘ 4. + and ×

Question ID : **6549787663**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the option that is related to the third term in the same way as the second term is related to the first term.

SHOVEL : MFWPIT : : NOVICE : ?

Ans
✘ 1. WPOHBD

✔ 2. FDJWPO

✘ 3. OPWJDF

✘ 4. MNUHBD

Question ID : **6549787672**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Ruthless
2. Ruler
3. Routine
4. Rusticate
5. Rugby

Ans
✘ 1. 3, 5, 2, 1, 4

✘ 2. 3, 2, 5, 4, 1

✔ 3. 3, 5, 2, 4, 1

✘ 4. 5, 3, 2, 4, 1

Question ID : **6549787568**
Status : **Answered**
Chosen Option : **3**

Q.8 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. 20 : 100

✘ 2. 30 : 225

✘ 3. 14 : 49

✔ 4. 24 : 130

Question ID : **6549787567**
Status : **Answered**
Chosen Option : **4**

Q.9 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:
Some balls are spoons.
All stones are balls.
No ball is a pebble.

Conclusions:
I. Some balls are stones.
II. No spoon is a stone.
III. No stone is a pebble.

Ans ✘ 1. Both conclusions I and II follow.

✔ 2. Both conclusions I and III follow.

✘ 3. Both conclusions II and III follow.

✘ 4. Only conclusion III follows.

Question ID : **6549787679**
Status : **Answered**
Chosen Option : **2**

Q.10 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M
QrSgy4 |
N

Ans ✔ 1. [mirror image]

✘ 2. [mirror image]

✘ 3. [mirror image]

✘ 4. [mirror image]

Question ID : **6549787685**
Status : **Answered**
Chosen Option : **1**

Q.11 In a certain code language, 'TOPPER' is coded as '66' and 'MARK' is coded as '61'.
How will 'INDUCE' be coded in that language?

Ans ✘ 1. 96

✘ 2. 86

✘ 3. 106

✔ 4. 100

Question ID : **6549787570**
Status : **Answered**
Chosen Option : **1**

Q.12 चार शब्द दिए गए हैं, जिनमें से तीन किसी प्रकार समान हैं और एक भिन्न है। भिन्न का चयन करें।

Ans ✗ 1. बांसुरी

✗ 2. सैक्सोफोन

✗ 3. शहनाई

✓ 4. मैंडोलिन

Question ID : 6549787678

Status : **Answered**

Chosen Option : **4**

Q.13 अक्षरों के उस संयोजन का चयन करें, जिन्हें दिए गए अक्षर श्रेणी में खाली जगहों पर क्रमिक रूप से रखने पर श्रेणी पूर्ण हो जाएगी।

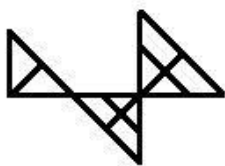p _ t b c p r _ b c _ r t b _ p _ t _ c

Ans ✗ 1. r, p, t, r, b, c

✓ 2. r, t, p, c, r, b

✗ 3. r, p, c, t, b, r

✗ 4. r, c, p, b, t, r

Question ID : 6549786765

Status : **Answered**

Chosen Option : **2**

Q.14 How many triangles are there in the given figure?

Ans ✓ 1. 15

✗ 2. 17

✗ 3. 14

✗ 4. 16

Question ID : 6549787581

Status : **Marked For Review**

Chosen Option : **1**

Q.15 Select the option in which the numbers are related in the same way as are the numbers of the following set.
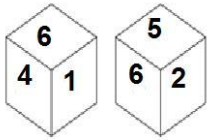
(25, 17, 170)

Ans ✗ 1. (49, 20, 140)

✗ 2. (24, 60, 240)

✗ 3. (23, 18, 421)

✓ 4. (36, 12, 144)

Question ID : 6549787565

Status : **Answered**

Chosen Option : **2**

Q.16 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the face having '3'.

Ans

  ✗ 1. 4

  ✗ 2. 5

  ✔ 3. 6

  ✗ 4. 2

Question ID : **6549787579**
Status : **Answered**
Chosen Option : **3**

Q.17 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. EBCD

  ✗ 2. IFGH

  ✗ 3. NKLM

  ✔ 4. WXYZ

Question ID : **6549787576**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the option in which the words share the same relationship as that shared by the given pair of words.

Libya : Tripoli

Ans

  ✗ 1. Harare : Zimbabwe

  ✔ 2. Zambia : Lusaka

  ✗ 3. Afghanistan : Jakarta

  ✗ 4. Kampala : Uganda

Question ID : **6549787575**
Status : **Not Answered**
Chosen Option : **--**

Q.19 In a certain code language, 'UMBRELLA' is written as 'VNCSDKKZ' and 'FASTENED' is written as 'GBTUDMDC'. How will 'MONUMENT' be written in that language?

Ans

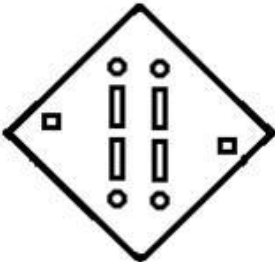 ✔ 1. NPOVLDMS

  ✗ 2. LNMTLGMS

  ✗ 3. NPOVPFOU

  ✗ 4. NPOWLEOS

Question ID : **6549787670**
Status : **Answered**
Chosen Option : **1**

Q.20 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?
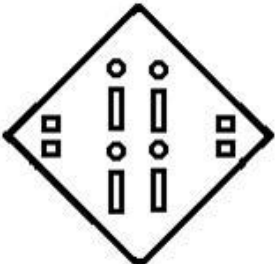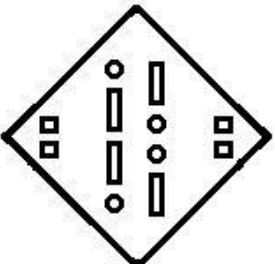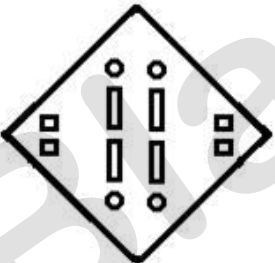

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
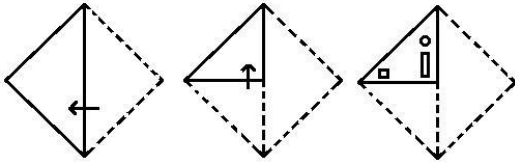
Question ID : **6549787684**
Status : **Answered**
Chosen Option : **4**

Q.21 If Aniket is the brother of the son of Priyanka's son, then how is Aniket related to Priyanka?

Ans
✔ 1. Grandson

✗ 2. Son

✗ 3. Cousin

✗ 4. Brother

Question ID : **6549786867**
Status : **Answered**
Chosen Option : **1**

Q.22 What was the day of the week on 31 January 2009?

Ans
✔️ 1. Saturday

❌ 2. Monday

❌ 3. Friday

❌ 4. Sunday

Question ID : **6549787561**

Status : **Answered**

Chosen Option : **1**

Q.23 Select the number from among the given options that can replace the question mark (?) in the following series.

59, 59, 61, 183, 187, ?

Ans
✔️ 1. 935

❌ 2. 876

❌ 3. 632

❌ 4. 705

Question ID : **6549787667**

Status : **Answered**

Chosen Option : **1**

Q.24 Select the option that is embedded in the given figure (rotation is NOT allowed).

Ans
✔️ 1.

❌ 2.

❌ 3.

❌ 4.

Question ID : **6549787683**

Status : **Answered**

Chosen Option : **1**

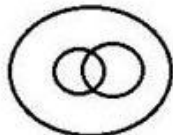**Q.25** Select the Venn diagram that best represents the relationship between the following classes.

Brother, Family, Sister

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
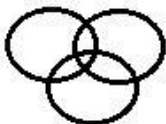
Question ID : **6549787585**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 If $a - \frac{24}{a} = 5$, where $a > 0$, then the value of $a^2 + \frac{64}{a^2}$ is:

Ans ✘ 1. 45

✔ 2. 65

✘ 3. 56

✘ 4. 60

Question ID : **6549787599**
Status : **Answered**
Chosen Option : **2**

Q.2 A certain sum of money amounts to ₹9,766 in 3 years at simple interest at R% per annum and to ₹10,849 in $4\frac{1}{2}$ years at the same rate of simple interest. The value of R is:

Ans ✔ 1. 9.5

✘ 2. 8.5

✘ 3. 9

✘ 4. 8

Question ID : **6549787594**
Status : **Answered**
Chosen Option : **1**

Q.3 A completes 20% of a work in 5 days and B completes one-third of the work in 5 days. They began the work together but B leaves after 3 days. The total number of days needed for completion of the work is:

Ans

✗ 1. 24

✔ 2. 20

✗ 3. 30

✗ 4. 18

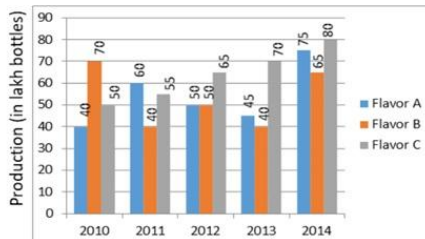Question ID : 6549787687

Status : **Answered**

Chosen Option : **2**

Q.4 A soft drink company prepares drinks of three different flavours — A, B and C. The production of the three flavours over a period of five years from 2010 to 2014 has been expressed in the given bar graph. Study the graph and answer the question that follows.

Production of three different flavours A, B and C (in lakh bottles) by a company over five years.

What was the approximate percentage decline in the production of flavour A in 2013 as compared to the production of flavour A in 2011?

Ans

✗ 1. 30%

✗ 2. 24%

✗ 3. 20%

✔ 4. 25%

Question ID : 6549787708

Status : **Answered**

Chosen Option : **4**

Q.5 If the radius of a circle is equal to a diagonal of a square whose area is 12 cm^2, then the area of the circle is:

Ans

✗ 1. $28\pi\ cm^2$

✗ 2. $32\pi\ cm^2$

✗ 3. $36\pi\ cm^2$

✔ 4. $24\pi\ cm^2$

Question ID : 6549787595

Status : **Answered**

Chosen Option : **4**

Q.6 In a triangle ABC, the length of side AC is 4 cm less than five times the length of side AB. The length of side BC exceeds four times the length of side AB by 4 cm. If the perimeter of ∆ABC is 90 cm, then its area is:

Ans

✗ 1. 164 cm^2

✔ 2. 180 cm^2

✗ 3. 148 cm^2

✗ 4. 160 cm^2

Question ID : **6549787699**
Status : **Answered**
Chosen Option : **2**

Q.7 If the volume of a sphere is $697\frac{4}{21} \ cm^3$, then its radius is:

(Take $\pi = \frac{22}{7}$)

Ans

✔ 1. 5.5 cm

✗ 2. 6 cm

✗ 3. 4.5 cm

✗ 4. 5 cm

Question ID : **6549787689**
Status : **Answered**
Chosen Option : **1**

Q.8 Solve for θ : $3\text{cosec}\theta + 4\sin\theta - 4\sqrt{3} = 0$, where θ is an acute angle.

Ans

✗ 1. 30°

✗ 2. 15°

✗ 3. 45°

✔ 4. 60°

Question ID : **6549787707**
Status : **Answered**
Chosen Option : **4**

Q.9 If $cot^2\theta + cot^4\theta = 2$, then the value of $2\ sin^4\theta + sin^2\theta$ is:

Ans

✗ 1. 5

✗ 2. 3

✗ 3. 2

✔ 4. 1

Question ID : **6549787705**
Status : **Answered**
Chosen Option : **4**

Q.10 The sum of three sides of an isosceles triangle is 20 cm, and the ratio of an equal side to the base is 3 : 4. The altitude of the triangle is:

Ans ✗ 1. $4\sqrt{5}cm$

✗ 2. $3\sqrt{3}cm$

✓ 3. $2\sqrt{5}cm$

✗ 4. $3\sqrt{5}cm$

Question ID : **6549787597**	
Status : **Answered**	
Chosen Option : **3**	

Q.11 A, B and C are three points on a circle whose centre is O. If angle BOC is equal to 124°, then what is the value (in degrees) of angle BAC ?

Ans ✗ 1. 72

✗ 2. 34

✗ 3. 66

✓ 4. 62

Question ID : **6549787697**	
Status : **Answered**	
Chosen Option : **4**	

Q.12 A sum of money is distributed among A, B, C and D in the ratio 5 : 7 : 11 : 15, respectively. If C gets ₹2,480 more than B, then the difference between the shares of B and D is:

Ans ✗ 1. ₹4,690

✗ 2. ₹6,490

✓ 3. ₹4,960

✗ 4. ₹4,950

Question ID : **6549787593**	
Status : **Answered**	
Chosen Option : **3**	

Q.13 Ajit Singh left from place P at 9.30 a.m. for place Q, and David Raj left place Q at 1.30 p.m. for place P. The distance between them is 416 km. If Ajit Singh's speed is 44 km/h and David Raj's speed is 52 km/h, then at what time will they meet each other?

Ans ✗ 1. 4.30 p.m.

✗ 2. 6 p.m.

✓ 3. 4 p.m.

✗ 4. 5 p.m.

Question ID : **6549787587**	
Status : **Answered**	
Chosen Option : **3**	

Q.14 Study the given bar graph which shows the life time (in hours) of neon lamps and the number of neon lamps and answer the question that follows.

Life time (in hours) of neon lamps
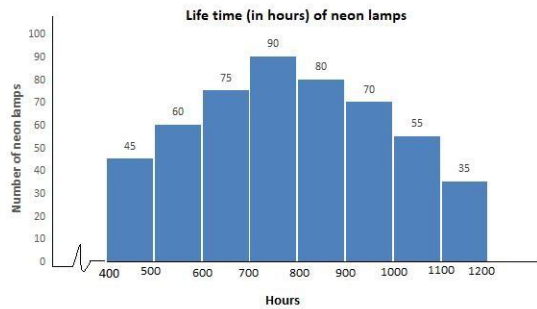
The number of neon lamps having life 500 hours or more but less than 700 hours is what percent of the total number of neon lamps having life 800 hours or more?

Ans
✗ 1. 51.85%
✔ 2. 56.25%
✗ 3. 57.75%
✗ 4. 61.55%

Question ID : 6549786901
Status : **Answered**
Chosen Option : **2**

Q.15 Vijay bought a fridge and a washing machine together for ₹38,200. He sold the fridge at a profit of 15% and washing machine at a loss of 24% and both are sold at the same price. The cost price of the washing machine is:

Ans
✗ 1. ₹22,000
✗ 2. ₹26,000
✗ 3. ₹24,000
✔ 4. ₹23,000

Question ID : 6549787693
Status : **Marked For Review**
Chosen Option : **2**

Q.16 The smallest six-digit number that is exactly divisible by 53 is:

Ans
✗ 1. 100008
✔ 2. 100011
✗ 3. 100042
✗ 4. 100064

Question ID : 6549787602
Status : **Answered**
Chosen Option : **2**

Q.17 x, y are two positive numbers such that $x > y$. If $x^4 + y^4 = 706$ and $xy = 15$, then the value of $2x + 3y$ is:

Ans

✗ 1. 15

✗ 2. 20

✔ 3. 19

✗ 4. 18

Question ID : 6549787702
Status : **Answered**
Chosen Option : **3**

Q.18

The value of $441 \div \left[270 \div \frac{3}{7} \text{ of } 35 + \left(17 \div \frac{1}{3} \right) - \left(8\frac{1}{2} - \frac{5}{2} \right) \right]$ is:

Ans

✔ 1. 7

✗ 2. 21

✗ 3. 11

✗ 4. 14

Question ID : 6549787704
Status : **Answered**
Chosen Option : **1**

Q.19 A, B and C are three positive numbers such that the average of three-fifth of A and 30% of B is 13.5, and the average of

$\frac{3}{8}$ times of B and 25% of C is 15. If A is equal to $\frac{5}{12}$ times of C, then the sum of all three numbers A, B and C is:
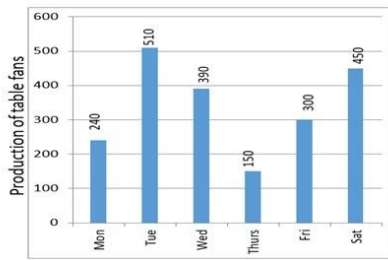
Ans

✗ 1. 135

✗ 2. 120

✗ 3. 145

✔ 4. 125

Question ID : 6549787589
Status : **Not Answered**
Chosen Option : **--**

Q.20 The given bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question that follows.

The average production of table fans from Monday to Wednesday is approximately what percentage more than the average production of table fans from Thursday to Saturday?

(correct to one decimal place)

Ans

✗ 1. 25%

✗ 2. 28%

✗ 3. 27.5%

✔ 4. 26.7%

Question ID : **6549787610**
Status : **Answered**
Chosen Option : **4**

Q.21 If $\cot A + cosec A = 2$ and A is an acute angle, then the value of $\dfrac{9\tan A + 16 cosec A}{5\sin A + 3\tan A}$ is:

Ans

✗ 1. 8

✗ 2. 6

✗ 3. 3

✔ 4. 4

Question ID : **6549787605**
Status : **Not Answered**
Chosen Option : **--**

Q.22 If $a - b = 7$ and $a^2 + b^2 + 169$ where $a, b > 0$, then the value of $3a + b$ is:

Ans

✔ 1. 41

✗ 2. 44

✗ 3. 46

✗ 4. 38

Question ID : **6549787701**
Status : **Answered**
Chosen Option : **1**

Q.23 The marked price of an article is ₹1,360. If a shopkeeper sold the article at 15% loss after giving 25% discount, then the cost price of the article is:

Ans
✗ 1. ₹1,600

✗ 2. ₹1,500

✔ 3. ₹1,200

✗ 4. ₹1,400

Question ID : **6549787691**
Status : **Answered**
Chosen Option : **3**

Q.24 A, B and C are three positive numbers such that A is 70% of B, and B is 40% of C. If the sum of all three numbers is 336, then 15% of the sum of B and C is:

Ans
✗ 1. 48

✗ 2. 32

✔ 3. 42

✗ 4. 44

Question ID : **6549787591**
Status : **Answered**
Chosen Option : **3**

Q.25 Study the following graph and answer the question that follows.
Number of students that appeared and qualified, from various colleges, at a scholarship examination.
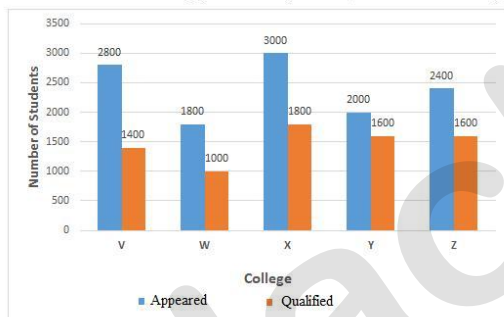
The number of students that appeared for the scholarship exam from College X is what percentage of the total number of students that appeared for the exam from all the colleges together?

Ans
✗ 1. 20

✔ 2. 25

✗ 3. 35

✗ 4. 30

Question ID : **6549788720**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 Which of the following is an open source operating system?

Ans
  ✗ 1. Windows 10

  ✓ 2. Android

  ✗ 3. iOS

  ✗ 4. Windows Vista

Question ID : **6549787611**
Status : **Answered**
Chosen Option : **3**

Q.2 Which of the following writs is a challenge to the legality of a prisoner's detention?

Ans
  ✓ 1. Habeas corpus

  ✗ 2. Prohibition

  ✗ 3. Mandamus

  ✗ 4. Quo Warranto

Question ID : **6549787631**
Status : **Answered**
Chosen Option : **1**

Q.3 'PVC' is a high strength thermoplastic material widely used in applications, such as pipes, medical devices, wire and cable insulation. What is the full form of PVC?

Ans
  ✗ 1. Polyvinyl Calcium

  ✗ 2. Polyvinyl Carbonate

  ✗ 3. Polyvinyl Carbazole

  ✓ 4. Polyvinyl Chloride

Question ID : **6549787621**
Status : **Answered**
Chosen Option : **4**

Q.4 Who among the following won the 'Tenzing Norgay National Adventure Award' in August 2020 in the 'Water Adventure' category?

Ans
  ✓ 1. Satyendra Singh

  ✗ 2. Anita Devi

  ✗ 3. Sarfaraz Singh

  ✗ 4. Narendra Singh

Question ID : **6549787735**
Status : **Not Answered**
Chosen Option : **--**

Q.5 National Highway No. 7 connects:

Ans
  ✗ 1. Kashmir to Kanyakumari

  ✓ 2. Fazilka to Mana

  ✗ 3. Varanasi to Kanyakumari

  ✗ 4. Kanpur to Silchar

Question ID : **6549787626**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Who was appointed as UNICEF's celebrity advocate for a children's rights campaign in September 2020?

Ans ✗ 1. Akshay Kumar

✓ 2. Ayushmann Khurrana

✗ 3. Nawazuddin Siddiqui

✗ 4. Aamir Khan

Question ID : **6549787730**
Status : **Marked For Review**
Chosen Option : **1**

Q.7 What was India's rank in the World Press Freedom Index 2020?

Ans ✓ 1. 142

✗ 2. 139

✗ 3. 92

✗ 4. 97

Question ID : **6549787616**
Status : **Answered**
Chosen Option : **1**

Q.8 In the Union Budget 2020-21, the Government of India proposed to spend ₹30,42,230 crore in 2020-21, which is _____ higher than the revised estimate of 2019-20.

Ans ✓ 1. 12.7%

✗ 2. 18.7%

✗ 3. 17.6%

✗ 4. 18.9%

Question ID : **6549787720**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Which of the following is the correct definition of bank rate?

Ans ✗ 1. It is the rate of interest payable by RBI to commercial banks.

✗ 2. It is the rate of interest payable by a consumer to commercial banks.

✗ 3. It is the rate of interest payable by a scheduled bank at which RBI lends overnight.

✓ 4. It is the rate of interest payable by commercial banks to RBI.

Question ID : **6549787618**
Status : **Answered**
Chosen Option : **2**

Q.10 Which of the following Hindu festivals is celebrated in the last month of the Hindu calendar?

Ans ✗ 1. Diwali

✗ 2. Makara Sankranti

✓ 3. Holi

✗ 4. Raksha Bandhan

Question ID : **6549787613**
Status : **Answered**
Chosen Option : **2**

Q.11 India's first lithium refinery, which will process lithium ore to produce battery-grade material, will be set up in:

Ans
- ✗ 1. Uttar Pradesh
- ✗ 2. Madhya Pradesh
- ✗ 3. Rajasthan
- ✔ 4. Gujarat

Question ID : **6549787615**
Status : **Answered**
Chosen Option : **4**

Q.12 Which of the following mountain passes is situated in the state of Uttarakhand?

Ans
- ✗ 1. Nathu La Pass
- ✗ 2. Bomdi La Pass
- ✗ 3. Baralacha La Pass
- ✔ 4. Mangsha Dhura Pass

Question ID : **6549787724**
Status : **Answered**
Chosen Option : **3**

Q.13 Which of the following diseases damages the eye's optic nerve and results in vision loss and blindness and occurs when the normal fluid pressure inside the eyes slowly rises?

Ans
- ✗ 1. Vitiligo
- ✗ 2. Psoriasis
- ✗ 3. Gonorrhoea
- ✔ 4. Glaucoma

Question ID : **6549787723**
Status : **Answered**
Chosen Option : **4**

Q.14 In which of the following states was the Monpa handmade paper making unit inaugurated in December 2020?

Ans
- ✗ 1. Assam
- ✗ 2. Tripura
- ✔ 3. Arunachal Pradesh
- ✗ 4. Manipur

Question ID : **6549787718**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which of the following is an input device used to verify the legitimacy or originality of paper documents, especially cheques?

Ans
- ✗ 1. Optical mark reader
- ✗ 2. Non-impact printer
- ✗ 3. Electronic card reader
- ✔ 4. Magnetic ink character recognition

Question ID : **6549787713**
Status : **Answered**
Chosen Option : **1**

Q.16 To which country does the French Open 2020 women's singles winner, Iga Swiatek belong?

Ans ✗ 1. China

✗ 2. Japan

✔ 3. Poland

✗ 4. France

Question ID : **6549787633**

Status : **Not Answered**

Chosen Option : **--**

Q.17 The 'Hornbill Festival' is a celebration held every year from 1 to 10 December in _____.

Ans ✗ 1. Kerala

✔ 2. Nagaland

✗ 3. Haryana

✗ 4. Uttarakhand

Question ID : **6549787715**

Status : **Answered**

Chosen Option : **2**

Q.18 Chulia waterfall is situated on Chambal River in _____.

Ans ✗ 1. Madhya Pradesh

✗ 2. Uttar Pradesh

✗ 3. Gujarat

✔ 4. Rajasthan

Question ID : **6549787725**

Status : **Answered**

Chosen Option : **1**

Q.19 The nephron is the microscopic structural and functional unit of the:

Ans ✗ 1. lung

✗ 2. heart

✗ 3. liver

✔ 4. kidney

Question ID : **6549787721**

Status : **Answered**

Chosen Option : **4**

Q.20 The Battle of Bedara was fought between the British Army and the Dutch Army in:

Ans ✗ 1. 1772

✗ 2. 1760

✔ 3. 1759

✗ 4. 1764

Question ID : **6549787628**

Status : **Answered**

Chosen Option : **1**

Q.21 After over 21 years stay in South Africa, Gandhiji returned to India in _____.

Ans
- ❌ 1. 1919
- ✅ 2. 1915
- ❌ 3. 1916
- ❌ 4. 1917

Question ID : **6549787728**
Status : **Answered**
Chosen Option : **2**

Q.22 Who among the following was the first female hockey player to have won the Rajiv Gandhi Khel Ratna Award?

Ans
- ❌ 1. Reena Khokhar
- ❌ 2. Lilima Minz
- ❌ 3. Gurjit Kaur
- ✅ 4. Rani Rampal

Question ID : **6549787635**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In which of the following states is Neora Valley National Park situated?

Ans
- ❌ 1. Kerala
- ✅ 2. West Bengal
- ❌ 3. Himachal Pradesh
- ❌ 4. Maharashtra

Question ID : **6549787625**
Status : **Marked For Review**
Chosen Option : **2**

Q.24 Which of the following organisations was awarded with the Nobel Peace Prize 2020?

Ans
- ❌ 1. International Labour Organization
- ✅ 2. World Food Programme
- ❌ 3. World Trade Organization
- ❌ 4. World Health Organization

Question ID : **6549787630**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Who is the Chief Justice of Bangladesh as of May 2020?

Ans
- ❌ 1. Narender Batra
- ✅ 2. Syed Mahmud Hossain
- ❌ 3. Abdul Hamid
- ❌ 4. Sheikh Hasina

Question ID : **6549787733**
Status : **Not Answered**
Chosen Option : **--**