Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	Join Youtube Channel
Candidate Name	Join Youtube Channel
Venue Name	iON Digital Zone iDZ Azad Puram
Exam Date	06/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

Q.1 Select the word which means the same as the group of words given.

Something which cannot be taken by force

Ans ✘ 1. Imperative

✘ 2. Impromptu

✘ 3. Irresistible

✔ 4. Impregnable

Question ID : **6549788767**

Status : **Answered**

Chosen Option : **4**

Q.2 Given below are four jumbled sentences. Out of the given options, select the one that gives their correct order.

A. How will we ever reach our goal if we don't follow our ideals and principles and follow the path we say we believe in?
B. Many of us believe in God, do our daily prayers and vow to be good.
C. But unfortunately, when it comes to putting our ideas into practice, we procrastinate.
D. There may be variations in our chosen ideals of Him, but each of us believes in Him nevertheless.

Ans ✘ 1. ACDB

✔ 2. BDCA

✘ 3. BADC

✘ 4. ABCD

Question ID : **6549788758**

Status : **Answered**

Chosen Option : **2**

Q.3 Select the correct passive form of the given sentence.

Radha plays the sitar very well.

Ans ✘ 1. The sitar is being played by Radha very well.

✘ 2. Radha has been playing the sitar very well.

✘ 3. Radha is playing the sitar very well.

✔ 4. The sitar is played very well by Radha.

Question ID : **6549788747**

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 miscreants were shifted to another building that same evening and <u>was keeping</u> in custody by the police.

Ans ✘ 1. No substitution

✔ 2. were kept

✘ 3. keeps

✘ 4. was kept

Question ID : **6549788759**

Status : **Answered**

Chosen Option : **2**

Q.5 In the given sentence, identify the segment which contains the grammatical error.

The teacher and her student was engaged in a discussion on the current political crisis.

Ans ✘ 1. in a discussion

✘ 2. on the current

✔ 3. was engaged

✘ 4. political crisis

Question ID : **6549788750**

Status : **Answered**

Chosen Option : **3**

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

Savita was crying _____ as she felt that her world had fallen apart due to the accident.

Ans ✘ 1. mildly

✔ 2. bitterly

✘ 3. definitely

✘ 4. hardly

Question ID : **6549788772**

Status : **Answered**

Chosen Option : **2**

Q.7 Select the most appropriate synonym of the given word.

FASCINATION

Ans ✘ 1. agreement

✔ 2. appeal

✘ 3. happiness

✘ 4. dislike

Question ID : **6549788770**

Status : **Answered**

Chosen Option : **2**

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

BONHOMIE

Ans ✗ 1. irritation

✗ 2. fickleness

✗ 3. deceit

✓ 4. companionship

Question ID : **6549789678**

Status : **Answered**

Chosen Option : **2**

Q.9 **Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.**

A. Yet few people know the long history of making soap.
B. As a prevention, they recommend the frequent washing of hands for 20 seconds.
C. Scientists have declared that COVID-19 is here to stay.
D. This advice is practical and easy to follow as soap is a common and inexpensive consumer product.

Ans ✓ 1. CBDA

✗ 2. ABDC

✗ 3. CABD

✗ 4. BDAC

Question ID : **6549789666**

Status : **Answered**

Chosen Option : **1**

Q.10 **Select the option which means the same as the group of words given.**

Not active or growing

Ans ✗ 1. invisible

✓ 2. dormant

✗ 3. inanimate

✗ 4. duplicate

Question ID : **6549789677**

Status : **Answered**

Chosen Option : **2**

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

EQUILIBRIUM

Ans ✗ 1. adherence

✗ 2. stability

✓ 3. imbalance

✗ 4. coolness

Question ID : **6549788762**

Status : **Answered**

Chosen Option : **3**

Q.12 Select the most appropriate meaning of the given idiom:

know inside out

Ans ✔ 1. To know something thoroughly

✘ 2. To always know a lot about every topic

✘ 3. To know a little about something

✘ 4. To know everything by rote memory

Question ID : **6549789672**

Status : **Answered**

Chosen Option : **1**

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

BEWILDER

Ans ✘ 1. confuse

✘ 2. terrify

✘ 3. weaken

✔ 4. enlighten

Question ID : **6549789670**

Status : **Answered**

Chosen Option : **4**

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

When I was at school I found my class teacher to be the best mentor as she always have time to listen and guide.

Ans ✔ 1. as she always have time to listen and guide

✘ 2. When I was at school

✘ 3. I found my class teacher

✘ 4. to be the best mentor

Question ID : **6549789658**

Status : **Answered**

Chosen Option : **1**

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

The migrant crisis led several states to _____ existing labour laws in order to improve their condition.

Ans ✔ 1. amend

✘ 2. initiate

✘ 3. abandon

✘ 4. introduce

Question ID : **6549789680**

Status : **Answered**

Chosen Option : **1**

Q.16 **Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'**

The advertising industry wants us to believe <u>that buy more</u> stuff will make us happier.

Ans ✔ 1. that buying more

✘ 2. that buys more

✘ 3. No improvement

✘ 4. that bought more

Question ID : **6549789669**

Status : **Answered**

Chosen Option : **1**

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

Hard nut to crack

Ans ✘ 1. someone who solves puzzles easily

✘ 2. someone who needs guidance

✘ 3. a person who likes to joke around

✔ 4. a difficult person or problem

Question ID : **6549788764**

Status : **Answered**

Chosen Option : **4**

Q.18 **Select the INCORRECTLY spelt word.**

Ans ✘ 1. tradition

✔ 2. applicasion

✘ 3. completion

✘ 4. promotion

Question ID : **6549788765**

Status : **Answered**

Chosen Option : **2**

Q.19 **Select the INCORRECTLY spelt word.**

Ans ✔ 1. noncomital

✘ 2. flapped

✘ 3. accommodate

✘ 4. referred

Question ID : **6549789675**

Status : **Answered**

Chosen Option : **1**

Q.20 **Select the correct indirect form of the given sentence.**

"Madam, please watch this program on our folk songs," says Sitab.

Ans ✔ 1. Sitab requests Madam to watch that program on their folk songs.

✘ 2. Sitab said to Madam to watch the program on our folk songs.

✘ 3. Sitab says Madam is watching the program on our folk songs.

✘ 4. Sitab asks Madam have you watched the program on their folk songs.

Question ID : **6549789657**

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.

An appetising and nutritious meal is always recommended because what we eat (1) _____ our senses. The effect of food on our mind, body and spirit had been the centre (2) _____ discussion even in ancient Greece, when Pythagoras argued in favour of a healthy, vegetarian (3) _____. Though at the time when the philosopher lived, in around 500 BC, the term 'vegetarianism' was (4) _____, his diet came to be known as 'the Pythagorean diet'. He is known for his theory on geometry, but few are aware of his profound (5) _____ on food habits!

SubQuestion No : 21

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

Ans ✘ 1. creates

✘ 2. enables

✔ 3. affects

✘ 4. hurts

Question ID : **6549788752**

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 appetising and nutritious meal is always recommended because what we eat (1) _____ our senses. The effect of food on our mind, body and spirit had been the centre (2) _____ discussion even in ancient Greece, when Pythagoras argued in favour of a healthy, vegetarian (3) _____. Though at the time when the philosopher lived, in around 500 BC, the term 'vegetarianism' was (4) _____, his diet came to be known as 'the Pythagorean diet'. He is known for his theory on geometry, but few are aware of his profound (5) _____ on food habits!

SubQuestion No : 22

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

Ans ✘ 1. to

✘ 2. on

✔ 3. of

✘ 4. with

Question ID : **6549788753**

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 appetising and nutritious meal is always recommended because what we eat (1) _____ our senses. The effect of food on our mind, body and spirit had been the centre (2) _____ discussion even in ancient Greece, when Pythagoras argued in favour of a healthy, vegetarian (3) _____. Though at the time when the philosopher lived, in around 500 BC, the term 'vegetarianism' was (4) _____, his diet came to be known as 'the Pythagorean diet'. He is known for his theory on geometry, but few are aware of his profound (5) _____ on food habits!

SubQuestion No : 23

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

Ans   ✗ 1. bread

     ✗ 2. nutrition

     ✔ 3. diet

     ✗ 4. nourishment

> Question ID : **6549788754**
> 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 appetising and nutritious meal is always recommended because what we eat (1) _____ our senses. The effect of food on our mind, body and spirit had been the centre (2) _____ discussion even in ancient Greece, when Pythagoras argued in favour of a healthy, vegetarian (3) _____. Though at the time when the philosopher lived, in around 500 BC, the term 'vegetarianism' was (4) _____, his diet came to be known as 'the Pythagorean diet'. He is known for his theory on geometry, but few are aware of his profound (5) _____ on food habits!

SubQuestion No : 24

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

Ans   ✗ 1. knowledgeable

     ✗ 2. known

     ✗ 3. knowing

     ✔ 4. unknown

> Question ID : **6549788755**
> 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 appetising and nutritious meal is always recommended because what we eat (1) _____ our senses. The effect of food on our mind, body and spirit had been the centre (2) _____ discussion even in ancient Greece, when Pythagoras argued in favour of a healthy, vegetarian (3) _____. Though at the time when the philosopher lived, in around 500 BC, the term 'vegetarianism' was (4) _____, his diet came to be known as 'the Pythagorean diet'. He is known for his theory on geometry, but few are aware of his profound (5) _____ on food habits!

SubQuestion No : 25

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

Ans ❌ 1. development

✔️ 2. wisdom

❌ 3. creation

❌ 4. greatness

Question ID : **6549788756**

Status : **Answered**

Chosen Option : **1**

Section : **General Intelligence**

Q.1 'U + W' means 'U is the father of W';
'U – W' means 'U is the wife of W';
'U × W' means 'U is the brother of W'; and
'U ÷ W' means 'U is the daughter of W'.
If 'K ÷ L + M + N', then how is K related to N?

Ans ✔️ 1. Aunt

❌ 2. Mother

❌ 3. Sister

❌ 4. Daughter

Question ID : **6549787978**

Status : **Answered**

Chosen Option : **1**

Q.2 Sunita appeared for a test consisting of 260 questions and answered 40% of the first 130 questions correctly. What percentage of the rest 130 questions must she answer correctly so as to score 60% in the entire test?
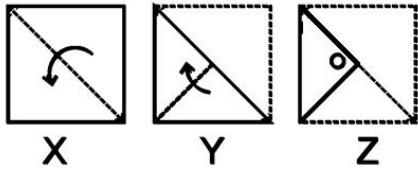
Ans ❌ 1. 70%

❌ 2. 84%

❌ 3. 75%

✔️ 4. 80%

Question ID : **6549789682**
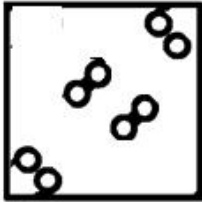
Status : **Answered**

Chosen Option : **4**

Q.3 A paper is folded and cut as shown in the following figures (X, Y and Z). How will it appear when unfolded?
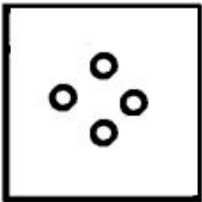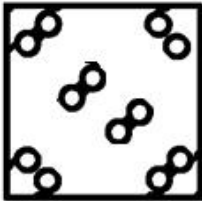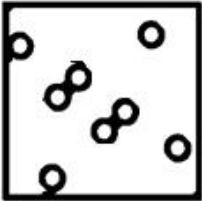

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **6549788795**

Status : **Answered**

Chosen Option : **2**

Q.4 If '×' means '–', '÷' means '+', '+' means '×' and '–' means '÷', then what will be the value of the following expression?

16 ÷ 32 – 4 × 2 + 1 = ?

Ans ✔ 1. 22

✗ 2. 10

✗ 3. 7.5

✗ 4. 32

Question ID : **6549788774**

Status : **Answered**

Chosen Option : **1**

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

{46, 53, 64}

Ans ✗ 1. {56, 64, 66}

✗ 2. {23, 30, 34}

✗ 3. {68, 73, 85}

✓ 4. {34, 41, 43}

Question ID : **6549789686**

Status : **Answered**

Chosen Option : **4**

Q.6 Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different.

Ans ✗ 1. 127

✗ 2. 89

✓ 3. 115

✗ 4. 73

Question ID : **6549789688**

Status : **Answered**

Chosen Option : **3**

Q.7 In a certain code language, MAKER is coded as 90. How will BROTHER be coded in that language?

Ans ✗ 1. 119

✓ 2. 100

✗ 3. 95

✗ 4. 112

Question ID : **6549789691**

Status : **Answered**

Chosen Option : **1**

Q.8 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.

REST : SCTR : : BEST : ?

Ans ✗ 1. CCRT

✓ 2. CCTR

✗ 3. CDTR

✗ 4. SBTR

Question ID : **6549788783**

Status : **Answered**

Chosen Option : **2**

Q.9 **Select the set in which the numbers are related in the same way as are the numbers of the following set.**

(2, 6, 9)

Ans ✗ 1. (8, 12, 17)

✗ 2. (7, 22, 17)

✗ 3. (5, 15, 30)

✓ 4. (4, 12, 18)

> Question ID : **6549788776**
>
> Status : **Answered**
>
> Chosen Option : **4**

Q.10 **Three of the following four words are alike in a certain way and one is different. Select the odd one.**

Ans ✗ 1. Lion

✗ 2. Tiger

✓ 3. Dog

✗ 4. Cat

> Question ID : **6549788789**
>
> Status : **Answered**
>
> Chosen Option : **3**

Q.11 **'Second' is related to 'Minute' in the same way as 'Day' is related to '_____'.**

Ans ✗ 1. Night

✓ 2. Week

✗ 3. Dusk

✗ 4. Dawn

> Question ID : **6549788784**
>
> Status : **Answered**
>
> Chosen Option : **2**

Q.12 In the given diagram, the shapes indicate the categories of persons. The numbers given in the different segments represent the number of persons in that category.

How many females are either graduates or employed but NOT both?
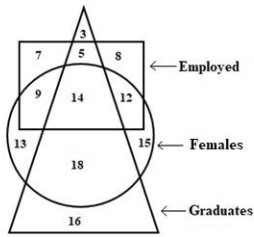
Ans ✗ 1. 41

✗ 2. 35

✔ 3. 39

✗ 4. 40

Question ID : **6549789706**

Status : **Answered**

Chosen Option : **3**

Q.13 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

b a _ d a _ b b _ d _ a c b _ a d d _ c b

Ans ✗ 1. d c d a b d

✗ 2. c a d d b a

✗ 3. b c a c b a

✔ 4. d c a d b a

Question ID : **6549788886**

Status : **Answered**

Chosen Option : **4**

Q.14 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.

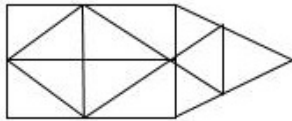**Ans** ✗ 1. HKMR

✗ 2. BJPV

✔ 3. DLRT

✗ 4. FMNQ

Question ID : **6549789697**

Status : **Answered**

Chosen Option : **3**

Q.15 How many triangles are there in the following figure?

Ans   ✗ 1. 14

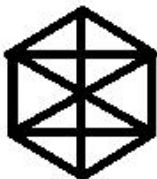   ✗ 2. 16

   ✓ 3. 17

   ✗ 4. 19

Question ID : **6549789702**

Status : **Answered**

Chosen Option : **3**

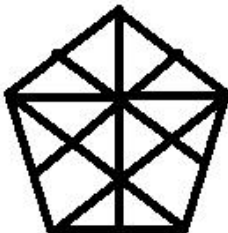**Q.16** In which of the following options is the given figure embedded? (rotation is NOT allowed)
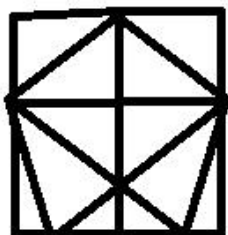

Ans

   ✓ 1.

   ✗ 2.

   ✗ 3.

   ✗ 4.

Question ID : **6549788794**

Status : **Answered**

Chosen Option : **1**

Q.17 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

24 : 37

Ans   ✗ 1. 78 : 87

✗ 2. 8 : 9

✗ 3. 17 : 28

✓ 4. 63 : 82

Question ID : **6549789684**

Status : **Answered**

Chosen Option : **4**

Q.18 In a code language, CIRCUS is written as DKUGZY. How will JOKER be written in the same language?

Ans   ✗ 1. KQUIV

✓ 2. KQNIW

✗ 3. KQMJW

✗ 4. KRNJW

Question ID : **6549788781**

Status : **Answered**

Chosen Option : **2**

Q.19 उस विकल्प का चयन करें, जिसमें शब्द ठीक उसी प्रकार संबंधित हैं, जिस प्रकार दिए गए शब्द युग्म के शब्द संबंधित हैं।
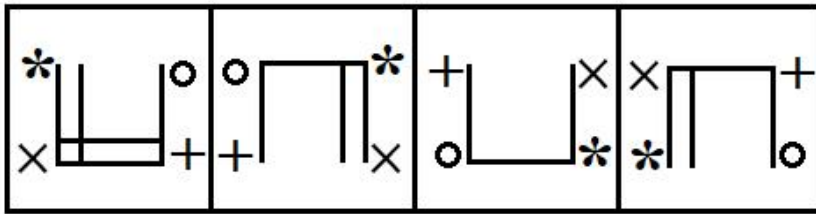
शुद्धीकरण : फ़िल्टर

Ans   ✗ 1. रंग-रोगन : घर

✗ 2. विक्रय : कार

✗ 3. टहलना : व्यायाम करना

✓ 4. खुदाई : कुदाल

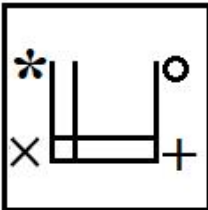Question ID : **6549789696**

Status : **Answered**

Chosen Option : **4**

Q.20 Select the figure that will come next in the following series.
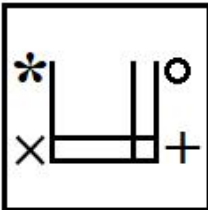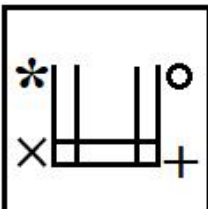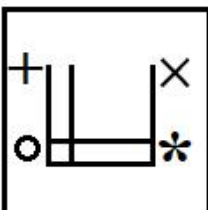

Ans

1.

2.

3.

4.

Question ID : **6549789701**
Status : **Answered**
Chosen Option : **2**

Q.21 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.
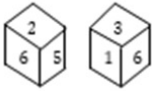
TER$MI5NATE

Ans ✗ 1. TER$MIAN5TE

✔ 2. ETAN5IM$RET

✗ 3. TER$MISNATE

✗ 4. TER$MI5NATE

Question ID : **6549788796**

Status : **Answered**

Chosen Option : **2**

Q.22 Two different positions of the same dice are shown. Select the number that will be at the top if '1' is at the bottom.

Ans ✔ 1. 2

✗ 2. 5

✗ 3. 6

✗ 4. 4

Question ID : **6549789700**

Status : **Answered**

Chosen Option : **1**

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

63, 63, 56, 56, 49, 49, 42, ?

Ans ✗ 1. 30

✗ 2. 27

✗ 3. 35

✔ 4. 42

Question ID : **6549788778**

Status : **Answered**

Chosen Option : **4**

Q.24 **Three statements are given, followed by four conclusions numbered I, II, III and IV.**
Assuming the statements to be true, even if they seem to be at variance with
commonly known facts, decide which of the conclusions logically follows from the
statements.

Statements:
All cats are birds.
Some tigers are cats.
All bees are tigers.

Conclusions:
I. All bees are birds.
II. Some bees are birds.
III. Some birds are tigers.
IV. All tigers are birds.

Ans   ✘ 1. Only conclusion IV follows

    ✘ 2. Only conclusion I follows

    ✔ 3. Only conclusion III follows

    ✘ 4. Only conclusion II follows

Question ID : **6549788790**

Status : **Answered**

Chosen Option : **4**

Q.25 **Select the correct option that indicates the arrangement of the given words in a logical**
and meaningful order.

1. Income
2. Employment
3. Superannuation
4. Interview
5. Education
6. Promotion

Ans   ✘ 1. 5, 1, 4, 2, 6, 3

    ✘ 2. 3, 6, 1, 4, 2, 5

    ✔ 3. 5, 4, 2, 1, 6, 3

    ✘ 4. 3, 4, 2, 1, 6, 5

Question ID : **6549789689**

Status : **Answered**

Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 If $\sin \theta + cosec\, \theta = 7$, then what is the value of $sin^3\theta + cosec^3\theta$?

Ans   ✘ 1. 367

    ✘ 2. 350

    ✔ 3. 322

    ✘ 4. 382

Question ID : **6549788818**

Status : **Answered**

Chosen Option : **3**

Q.2 What is the value of x if it is given that

$$4\left\{2\left(\frac{3}{4} \, of \, 24 - 1\right) + 3(7 \div x) - 5 \times 8 + 1\right\} = 20^2 \, ?$$

Ans ✗ 1. 0.625

✓ 2. 0.2

✗ 3. 0.75

✗ 4. 0.4

Question ID : **6549788815**

Status : **Answered**

Chosen Option : **2**

Q.3 Two numbers are less than a third number by 37% and 30%, respectively. By what percentage is the second number more than the first?

Ans ✗ 1. 10

✓ 2. $\frac{100}{9}$
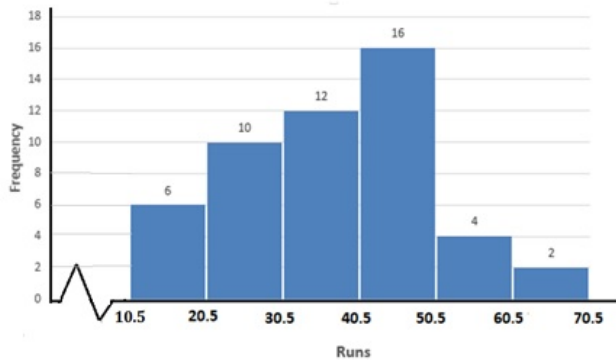
✗ 3. $\frac{100}{3}$

✗ 4. $\frac{10}{9}$

Question ID : **6549789712**

Status : **Answered**

Chosen Option : **2**

Q.4 The histogram given below presents the frequency distribution of average runs scored by 50 selected players from a district in local cricket tournament.

Study the histogram and answer the question that follows.

How many players scored 30.5 runs or less?

Ans ✗ 1. 34

✔ 2. 16

✗ 3. 12

✗ 4. 28

Question ID : **6549788819**

Status : **Answered**

Chosen Option : **2**

Q.5 The base of a triangle is equal to the perimeter of a square whose diagonal is $7\sqrt{2}$ cm and its height is equal to the side of a square whose area is 169 cm^2. The area (in cm^2) of the triangle is:

Ans ✗ 1. 156

✗ 2. 175

✗ 3. 130

✔ 4. 182

Question ID : **6549788810**

Status : **Answered**

Chosen Option : **4**

Q.6 Points A, B, C and D are concyclic points of a circle with centre O, such that $\angle DOC = 73°$. The measure of $\angle ABC$ is 215°. What is the measure of $\angle AOD$?

Ans ✗ 1. 273°

✗ 2. 87°

✗ 3. 145°

✔ 4. 72°

Question ID : **6549789716**

Status : **Answered**

Chosen Option : **4**

Q.7 By selling a pen for ₹26, a man loses one-fourteenth of what it costs him. The cost price of the pen is:

Ans ✗ 1. ₹27

✓ 2. ₹28

✗ 3. ₹39

✗ 4. ₹38

Question ID : **6549788802**	
Status : **Answered**	
Chosen Option : **2**	

Q.8 One side of a rectangular field is 39 m and its diagonal is 89 m. What is the area of the field?

Ans ✗ 1. 3140 m²

✗ 2. 2160 m²

✗ 3. 2100 m²

✓ 4. 3120 m²

Question ID : **6549788800**	
Status : **Answered**	
Chosen Option : **4**	

Q.9 The 12% interest earned on a sum of money of ₹2,60,000 is to be used for awarding 24 scholarships of equal value every year in a school. What is the value (in ₹) of each scholarship?

Ans ✗ 1. 1,250

✓ 2. 1,300

✗ 3. 1,150

✗ 4. 1,200

Question ID : **6549789715**	
Status : **Answered**	
Chosen Option : **2**	

Q.10 There are 90 students in a hostel. Due to new admissions, 30 new students join the mess and the daily expenses of the mess increases by ₹560, while the average expenditure per head diminishes by ₹10. What was the original daily expenditure (in ₹) of the mess?

Ans ✗ 1. 4,980

✗ 2. 4,280

✓ 3. 5,280

✗ 4. 3,680

Question ID : **6549789710**	
Status : **Answered**	
Chosen Option : **3**	

Q.11 A ladder 10 m long rests against a vertical wall making an angle of 30° with the wall. How high up (in m) does it reach the wall from the ground? (Take $\sqrt{3} = 1.73$.)

Ans

✗ 1. 5.88

✗ 2. 5

✔ 3. 8.65

✗ 4. 8.56

Question ID : **6549789726**

Status : **Answered**

Chosen Option : **3**

Q.12 What is the area (in cm^2, correct to one decimal place) of a triangle whose base is 21.4 cm and height is 15.5 cm?

Ans

✗ 1. 156.6

✗ 2. 156.9

✗ 3. 165.6

✔ 4. 165.9

Question ID : **6549789718**

Status : **Answered**

Chosen Option : **4**

Q.13 If $\left(x^2 + \frac{1}{49x^2}\right) = 15\frac{5}{7}$, then what is the value of $\left(x + \frac{1}{7x}\right)$?

Ans

✗ 1. ±7

✔ 2. ±4

✗ 3. 7

✗ 4. 4

Question ID : **6549789720**

Status : **Answered**

Chosen Option : **2**

Q.14 Two numbers are in the ratio of 9 : 7. If the larger number is 56 more than one-seventh of the smaller, then what is the sum of the two numbers?

Ans

✔ 1. 112

✗ 2. 130

✗ 3. 96

✗ 4. 72

Question ID : **6549789714**

Status : **Answered**

Chosen Option : **1**

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

The line graph represents the number of vehicles (in thousands) manufactured by two automobile companies A and B over the years from 2010 to 2015. The X-axis represents the years and the Y-axis represents number of vehicles in thousands.

(The data shown here is only for mathematical exercise. They do not represent the actual figures of the country.)

Number of Vehicles Manufactured by Two Automobile Companies over the Years from 2010 to 2015 (Number in Thousands)
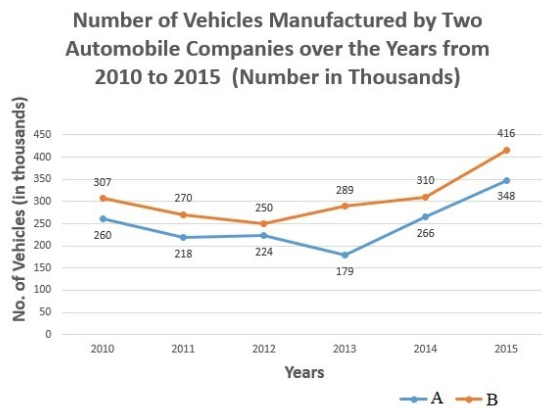
Company B is projecting an increase in the number of vehicles to be manufactured in 2016 by 70% with respect to its average number of vehicles from 2010 to 2015. What should be the approximate percentage increase in the number of vehicles (in thousands) to be manufactured by Company A in 2016 with respect to the number of vehicles in 2015, so that it is at par with Company B?

Ans

✘ 1. 57

✘ 2. 45

✔ 3. 50

✘ 4. 42

Question ID : **6549789731**

Status : **Answered**

Chosen Option : **3**

Q.16 If $a + b + c = 2$ and $ab + bc + ca = -1$, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

Ans

✘ 1. 2

✘ 2. 5

✘ 3. 10

✔ 4. 14

Question ID : **6549788813**

Status : **Answered**

Chosen Option : **4**

Q.17 If a person sells a ceiling fan for ₹557.75, then he gets a 15% profit. To get a 20% profit, at what amount should he sell the fan?

Ans

✔ 1. ₹582

✘ 2. ₹572

✘ 3. ₹589

✘ 4. ₹596

Question ID : **6549788804**

Status : **Answered**

Chosen Option : **1**

Q.18 A train is running at a speed of 99 km/h. If the train is 565 m long, then what will be the time (in seconds) taken by it to cross a 975 m long tunnel?

Ans ✗ 1. 54

✗ 2. 40

✓ 3. 56

✗ 4. 42

Question ID : **6549789708**
Status : **Answered**
Chosen Option : **3**

Q.19 Study the following graph and answer the question that follows.

Marks scored by five students in three subjects (Maths, English and Physics). Total marks for each subject are 100.
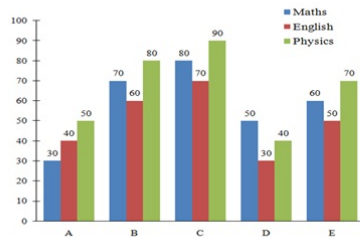
What is the difference between the total marks obtained by B and the total marks obtained by C?

Ans ✗ 1. 20

✓ 2. 30

✗ 3. 35

✗ 4. 25

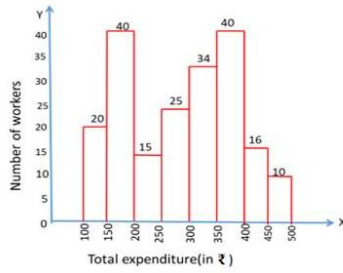Question ID : **6549789325**
Status : **Answered**
Chosen Option : **2**

Q.20 The angle of elevation of a ladder against a wall is 45°. The length of the ladder is 12 m. What is the distance between the wall and the foot of the ladder?

Ans ✗ 1. $3\sqrt{2}$ m

✗ 2. $5\sqrt{3}$ m

✗ 3. $4\sqrt{3}$ m

✓ 4. $6\sqrt{2}$ m

Question ID : **6549788816**
Status : **Answered**
Chosen Option : **4**

Q.21 The following histogram represents the distribution of total household expenditure (in ₹) of 200 manual workers in a city.

The number of workers whose total expenditure is ₹350 and above is what percentage less than the number of workers whose total expenditure is less than ₹250?

Ans

✖ 1. 10%

✖ 2. 14%

✔ 3. 12%

✖ 4. 15%

Question ID : **6549787912**

Status : **Answered**

Chosen Option : **3**

Q.22 In a circle with center O, APB is a tangent at P. If MN is a diameter such that $\angle BPN = 52°$, then what is the measure of $\angle PNM$?

Ans

✔ 1. 38°

✖ 2. 90°

✖ 3. 48°

✖ 4. 52°

Question ID : **6549788808**

Status : **Answered**

Chosen Option : **1**

Q.23 If the nine-digit number 87605x31y is divisible by 72, then the value of 2x−3y is:

Ans

✖ 1. −1

✖ 2. 0

✖ 3. 1

✔ 4. 2

Question ID : **6549789723**

Status : **Answered**

Chosen Option : **4**

Q.24 A can do a piece of work in 12 days. He worked for 6 days and left, and then B finished it in 10 days.
If both work together, then in how many days will they finish the same work?

Ans   ✗ 1. 9

✓ 2. 7.5

✗ 3. 7

✗ 4. 9.5

Question ID : **6549788798**
Status : **Answered**
Chosen Option : **2**

Q.25 If $(2a + 3b)(2c - 3d) = (2a - 3b)(2c + 3d)$, then:

Ans   ✗ 1. $\dfrac{a}{b} = \dfrac{d}{c}$

✗ 2. $\dfrac{a}{d} = \dfrac{c}{b}$

✓ 3. $\dfrac{a}{b} = \dfrac{c}{d}$

✗ 4. $\dfrac{b}{a} = \dfrac{c}{d}$

Question ID : **6549788812**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 Since 2000, Euro norms are followed in India under the name _____ Stage Emission
Standards for four wheeled vehicles.

Ans   ✗ 1. Hindustan

✗ 2. Jagat

✓ 3. Bharat

✗ 4. India

Question ID : **6549789739**
Status : **Answered**
Chosen Option : **3**

Q.2 Which of the following international awards did Indian drama series 'Delhi Crime' win
in 2020?

Ans   ✗ 1. Cannes Corporate Media & TV Awards – Best Drama

✗ 2. Golden Globe Award for Best Television Series – Drama

✓ 3. International Emmy Award for Best Drama Series

✗ 4. British Academy Television Award for Best Drama Series

Question ID : **6549789751**
Status : **Answered**
Chosen Option : **3**

Q.3 In which of the following states is the Loktak Lake located?

Ans   ✗ 1. Haryana

   ✗ 2. Rajasthan

   ✗ 3. Sikkim

   ✓ 4. Manipur

> Question ID : **6549788836**
> Status : **Answered**
> Chosen Option : **4**

Q.4 The innermost part of a flower is called the:

Ans   ✗ 1. petal

   ✗ 2. stamen

   ✓ 3. pistil

   ✗ 4. sepal

> Question ID : **6549788832**
> Status : **Answered**
> Chosen Option : **4**

Q.5 'Memoirs of Babur' or 'Baburnama', also known as 'Tuzk-e Babri', was written by:

Ans   ✓ 1. Babur

   ✗ 2. Abdul Rahim Khan-i-Khanan

   ✗ 3. Faizi

   ✗ 4. Talib Amah

> Question ID : **6549788839**
> Status : **Answered**
> Chosen Option : **3**

Q.6 Who among the following was one of the winners of Nobel Prize in Physics 2020?

Ans   ✓ 1. Roger Penrose

   ✗ 2. Kip Thorne

   ✗ 3. Michel Mayor

   ✗ 4. Arthur Ashkin

> Question ID : **6549789742**
> Status : **Answered**
> Chosen Option : **1**

Q.7 Hamideh Banu Maryam Makani was the wife of Mughal emperor _____.

Ans ✔ 1. Humayun

✘ 2. Jahangir

✘ 3. Shah Jahan

✘ 4. Babur

Question ID : **6549789749**

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

Chosen Option : **--**

Q.8 Litmus paper changes to _____ colour when put in soap water.

Ans ✘ 1. red

✘ 2. yellow

✔ 3. blue

✘ 4. orange

Question ID : **6549788834**

Status : **Answered**

Chosen Option : **3**

Q.9 Who among the following film makers was conferred with the 'Padma Shri', the fourth highest civilian honour of the country, in 2020?

Ans ✔ 1. Ekta Kapoor

✘ 2. Tanuja Chandra

✘ 3. Zoya Akhtar

✘ 4. Deepa Mehta

Question ID : **6549789737**

Status : **Marked For Review**

Chosen Option : **3**

Q.10 In which of the following states is the Sirki Waterfall located?

Ans ✘ 1. Andhra Pradesh

✘ 2. Himachal Pradesh

✔ 3. Arunachal Pradesh

✘ 4. Madhya Pradesh

Question ID : **6549789747**

Status : **Not Answered**

Chosen Option : **--**

Q.11 'Ranapa', a folk dance form of Odisha, consists of enacting chapters from the life of
Lord _____.

Ans   ✗ 1. Ram

✗ 2. Hanuman

✓ 3. Krishna

✗ 4. Indra

Question ID : **6549789734**

Status : **Marked For Review**

Chosen Option : **3**

Q.12 Which of the following mountain ranges is home to the second-highest peak of the
world, K2?

Ans   ✗ 1. Ladakh Range

✓ 2. East Karakoram Range

✗ 3. Zanskar Range

✗ 4. Pir Panjal Range

Question ID : **6549788835**

Status : **Answered**

Chosen Option : **4**

Q.13 With which of the following sports is Indian sportsperson Bhavani Devi associated?

Ans   ✓ 1. Fencing

✗ 2. Wrestling

✗ 3. Rowing

✗ 4. Boxing

Question ID : **6549789756**

Status : **Answered**

Chosen Option : **1**

Q.14 The normal term of every Lok Sabha is _____ years.

Ans   ✗ 1. 12

✗ 2. 10

✓ 3. 5

✗ 4. 7

Question ID : **6549789752**

Status : **Answered**

Chosen Option : **3**

Q.15 What was India's per capita net national income (estimated) during 2019-20?

Ans   ✗ 1. ₹1,55,050

        ✗ 2. ₹1,15,050

        ✗ 3. ₹1,85,050

        ✓ 4. ₹1,35,050

Question ID : **6549788831**

Status : **Not Answered**

Chosen Option : **--**

Q.16 Which of the following companies in India has tied up with Facebook to train offline retailers to go digital on social media platforms?

Ans   ✗ 1. Vivo

        ✓ 2. Samsung India

        ✗ 3. Reliance

        ✗ 4. Nokia

Question ID : **6549788824**

Status : **Answered**

Chosen Option : **1**

Q.17 Who among the following was the President of the Board of Control for Cricket in India (BCCI) as of December 2020?

Ans   ✗ 1. Kapil Dev

        ✗ 2. Ravi Shastri

        ✗ 3. Sanjay Manjrekar

        ✓ 4. Sourav Ganguly

Question ID : **6549789754**

Status : **Answered**

Chosen Option : **4**

Q.18 Who among the following is the only Indian to have won an individual gold medal at the Olympics?

Ans   ✓ 1. Abhinav Bindra

        ✗ 2. P. V. Sindhu

        ✗ 3. Vijender Singh

        ✗ 4. Karnam Malleswari

Question ID : **6549788846**

Status : **Answered**

Chosen Option : **1**

Q.19 Who among the following won the Golden Globe 2020 award for 'Best Performance by an Actress in a Motion Picture – Drama'?

Ans ✗ 1. Cynthia Erivo

✓ 2. Renée Zellweger

✗ 3. Beanie Feldstein

✗ 4. Charlize Theron

Question ID : **6549788841**

Status : **Answered**

Chosen Option : **2**

Q.20 Which keyboard shortcut in Microsoft Excel 2016 should you use to insert a new worksheet for Windows 10 operating system?

Ans ✓ 1. Shift + F11

✗ 2. Shift + F5

✗ 3. Shift + F7

✗ 4. Shift + F12

Question ID : **6549789732**

Status : **Answered**

Chosen Option : **2**

Q.21 With which of the following musical instruments is the musician Zakir Hussain associated?

Ans ✗ 1. Dhol

✗ 2. Vichitra veena

✗ 3. Tanpura

✓ 4. Tabla

Question ID : **6549788826**

Status : **Answered**

Chosen Option : **4**

Q.22 Which of the following indigenous games is included in the Khelo India Youth Games 2021?

Ans ✓ 1. Gatka

✗ 2. Nondi

✗ 3. Pallankuzhi

✗ 4. Chaupar

Question ID : **6549789736**

Status : **Answered**

Chosen Option : **1**

Q.23 **What was the theme of the World Sustainable Development Summit 2021?**

Ans ✗ 1. Towards 2030 Goals: Making the Decade Count

✗ 2. Partnerships for a Resilient Planet

✗ 3. Attaining the 2030 Agenda: Delivering on our Promise

✓ 4. Redefining Our Common Future: Safe and Secure Environment For All

Question ID : **6549788829**

Status : **Answered**

Chosen Option : **1**

Q.24 **According to Article 24 of the Constitution of India, a person below _____ years of age shall not be employed to work in any factory.**

Ans ✓ 1. 14

✗ 2. 25

✗ 3. 19

✗ 4. 21

Question ID : **6549788844**

Status : **Answered**

Chosen Option : **1**

Q.25 **In which of the following mountain ranges will you find the Guru Shikhar peak?**

Ans ✓ 1. Aravalli

✗ 2. Karakoram

✗ 3. Vindhya

✗ 4. Satpura

Question ID : **6549789746**

Status : **Answered**

Chosen Option : **1**