

Question Paper

Staff Selection Commission
Multi Tasking Staff
Exam

Prepared by:
aglasem.com

DOWNLOAD PDF

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

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

To add insult to injury

Ans

✗ 1. to make fun of someone

✗ 2. to work hard on making up

✓ 3. to make something worse

✗ 4. to wound physically

Question ID : **6549789167**
Status : **Answered**
Chosen Option : **3**

Q.2 **Given below are four sentences in jumbled order. Select the option that gives their correct order.**

A. Then he started on his eighteen kilometer expedition back to his village.
B. Mohan first equipped himself with a long, sturdy stick.
C. At several points, he lost the road and had to swim his way ahead.
D. It was a journey he would never forget where he had to use his stick constantly to locate the road.

Ans

✗ 1. DCAB

✗ 2. ACBD

✗ 3. CDBA

✓ 4. BADC

Question ID : **6549788354**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

He is very impulsive and does things <u>without rhyme or reason</u>.

Ans

✗ 1. without proper planning

✓ 2. without a reasonable explanation

✗ 3. without any resources

✗ 4. without anyone's help

Question ID : **6549788360**
Status : **Answered**
Chosen Option : **4**

Q.4 **Select the most appropriate ANTONYM of the given word.**

LAVISH

Ans
1. excessive
2. luxurious
3. tiny
4. frugal

Question ID : **6549789165**
Status : **Answered**
Chosen Option : **4**

Q.5 **Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.**

A. Next, keep tapping the pot on all sides and at the bottom until the plant loosens.
B. Finally, slide the plant gently and remove the old potting mix on a newspaper.
C. The first thing to do when repotting is to remove the plant from the current pot.
D. Begin by holding the plant gently, and turning the pot sideways.

Ans
1. CDAB
2. DBCA
3. BDAC
4. ACDB

Question ID : **6549789161**
Status : **Answered**
Chosen Option : **1**

Q.6 **Fill in the blank with most appropriate word.**

This part of the sea _____ with sharks.

Ans
1. expands
2. crowds
3. suffices
4. teems

Question ID : **6549788368**
Status : **Answered**
Chosen Option : **2**

Q.7 **Select the most appropriate antonym of the given word.**

AFFINITY

Ans
1. aversion
2. weakness
3. inclination
4. attraction

Question ID : **6549788358**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.8 **Select the misspelt word.**

Ans
1. applause
2. modern
3. arrivel
4. serious

Question ID : **6549788361**
Status : **Answered**
Chosen Option : **3**

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

LIVID

Ans
1. furious
2. timid
3. mild
4. lively

Question ID : **6549789173**
Status : **Answered**
Chosen Option : **1**

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

He drove the car very carefully on the hilly terrain.

Ans
1. The car was driven very carefully on the hilly terrain.
2. The car is being driven very carefully on the hilly terrain.
3. The car has been driven very carefully on the hilly terrain.
4. The car is driven very carefully on the hilly terrain.

Question ID : **6549788343**
Status : **Answered**
Chosen Option : **1**

Q.11 **In the given sentence, identify the segment which contains a grammatical error.**

If you rent a house near your office, it will save you time as well as also money.

Ans
1. If you rent a house
2. as well as also money
3. near your office
4. it will save you time

Question ID : **6549788346**
Status : **Answered**
Chosen Option : **4**

aglasem.com

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'.**

Small desert animals burrow underground <u>across the days</u> and come out only at night.

Ans

✗ 1. within the days

✓ 2. during the day

✗ 3. No substitution

✗ 4. between days

Question ID : **6549788355**
Status : **Answered**
Chosen Option : **2**

Q.13 **Select the correct indirect form of the given sentence.**

"I love Bollywood music," Deepu said to Reena.

Ans

✓ 1. Deepu told Reena that he loved Bollywood music.

✗ 2. Deepu will say to Reena that he loved Bollywood music.

✗ 3. Deepu says to Reena that he loves Bollywood music.

✗ 4. Deepu had told Reena that he loved Bollywood music.

Question ID : **6549789152**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the word which means the same as the group of words given.**

Killing of one's mother

Ans

✗ 1. infanticide

✗ 2. patricide

✗ 3. regicide

✓ 4. matricide

Question ID : **6549789172**
Status : **Answered**
Chosen Option : **4**

Q.15 **The following sentence has been split into four segments. Identify the segment which contains a grammatical error.**

Notwithstanding we were / all busy that weekend / we had to / cancel the outing.

Ans

✗ 1. cancel the outing

✗ 2. we had to

✓ 3. Notwithstanding we were

✗ 4. all busy that weekend

Question ID : **6549789153**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.16 **Select the INCORRECTLY spelt word.**

Ans
1. aggravate
2. titilate
3. mediate
4. initiate

Question ID : **6549789170**
Status : **Answered**
Chosen Option : **2**

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

CALLOUS

Ans
1. inaccurate
2. insensitive
3. incredible
4. inexperienced

Question ID : **6549788366**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the most appropriate one-word substitution for the given words.**

a period of two weeks

Ans
1. month
2. century
3. decade
4. fortnight

Question ID : **6549788363**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'**

I must have dropped <u>one</u> of my gloves in the car.

Ans
1. any
2. No improvement
3. an
4. the

Question ID : **6549789164**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.20 **Select the most appropriate word to fill in the blank.**

It is _____ to see so many of our fellow Indians help the migrants in their struggle to go home.

Ans

✗ 1. savouring

✓ 2. heartening

✗ 3. reuniting

✗ 4. relishing

Question ID : **6549789175**
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 number.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in the blank no. 1.**

Ans

✓ 1. like

✗ 2. than

✗ 3. so as

✗ 4. same

Question ID : **6549788348**
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 number.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 22

Q.22 **Select the most appropriate option to fill in the blank no. 2.**

Ans

✗ 1. adjust

✗ 2. develop

✓ 3. change

✗ 4. agree

Question ID : **6549788349**
Status : **Answered**
Chosen Option : **3**

eglasem.com

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 number.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in the blank no. 3.

Ans

✔ 1. ordered

✘ 2. presented

✘ 3. ruled

✘ 4. believed

Question ID : **6549788350**
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 number.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in the blank no. 4.

Ans

✔ 1. till

✘ 2. cut

✘ 3. dig

✘ 4. sow

Question ID : **6549788351**
Status : **Answered**
Chosen Option : **3**

aglasem.com

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 number.

In the 'Kingdom of Fools', both the king and the ministers were complete fools. They didn't want to do things (1)_____ other kingdoms, so they decided to (2)_____ night into day and day into night. They (3)_____ that everyone should be awake at night, (4)_____ their lands and run their (5)_____ only after dark and should go to bed as soon as the sun came up.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in the blank no. 5.

Ans

✗ 1. employment

✗ 2. livelihood

✗ 3. career

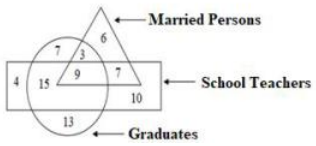
✓ 4. business

Question ID : **6549788352**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

Q.1 In the given diagram, the circle stands for 'graduates', the rectangle stands for 'school teachers', and the triangle stands for 'married persons'. The numbers given in the different segments represent the number of persons in that category.

How many school teachers are either graduates or married persons but NOT both?



Ans

✗ 1. 15

✗ 2. 29

✓ 3. 22

✗ 4. 25

Question ID : **6549789201**
Status : **Answered**
Chosen Option : **3**

Q.2 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. MIGF

✗ 2. BDMS

✗ 3. HKPT

✗ 4. KMPV

Question ID : **6549789192**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.3 ₹481 is distributed among A, B and C in such a way that B gets two-thirds of what A gets and C gets three-fourths of what B gets. How much does B get?

Ans
✔ 1. ₹148
✘ 2. ₹111
✘ 3. ₹168
✘ 4. ₹222

Question ID : **6549789177**
Status : **Not Answered**
Chosen Option : **--**

Q.4 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:
All statements are answers.
Some statements are questions.

Conclusions:
I. No question is a statement.
II. Some answers are statements.
III. Some questions are statements.

Ans
✘ 1. Only conclusions I and III follow
✘ 2. Either conclusion I or III follows
✘ 3. Only conclusions I and II follow
✔ 4. Only conclusions II and III follow

Question ID : **6549788386**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the correct mirror image of the given combination when a mirror is placed on its right side.

4 6 H S P Y

Ans
✔ 1. Y ꟼ Ƨ H ∂ ↳
✘ 2. ⅄ ꟼ Ƨ H 9 ↳
✘ 3. Y ⅁ Ƨ H ∂ ↳
✘ 4. Y ꟼ Ƨ H ∂ ↳

Question ID : **6549788392**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.6 **If 'A + B' means 'A is the mother of B', 'A × B' means 'A is the sister of B', and 'A * B' means 'A is the daughter of B', then how is R related to P in the following expression?**

'R + V × Q × M * P'

Ans

✗ 1. Mother

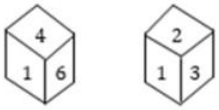
✓ 2. Wife

✗ 3. Daughter

✗ 4. Sister

Question ID : **6549787574**
Status : **Answered**
Chosen Option : **3**

Q.7 Two different positions of the same dice are shown. Select the number that will be at the top if '6' is at the bottom.



Ans

✗ 1. 4

✗ 2. 5

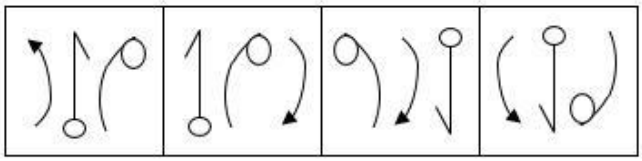
✗ 3. 2

✓ 4. 3

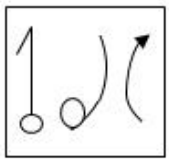
Question ID : **6549789195**
Status : **Answered**
Chosen Option : **4**

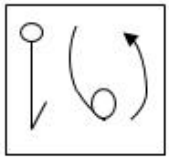
aglasem.com

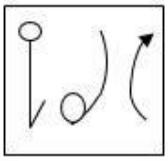
Q.8 Select the figure that will come next in the following series.

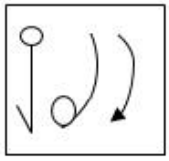


Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **6549789196**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **Select the number that can replace the question mark (?) in the following series.**

35, 35, 33, 99, 95, 475, ?

Ans

✗ 1. 481

✗ 2. 501

✗ 3. 476

✓ 4. 469

Question ID : **6549788374**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.10 **Select the option in which the numbers are related in the same way as are the numbers of the following set.**

{2, 2, 9}

Ans

✗ 1. {8, 36, 81}

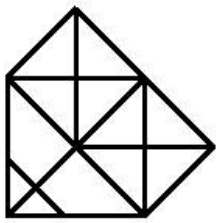
✗ 2. {6, 18, 46}

✓ 3. {4, 8, 25}

✗ 4. {12, 60, 98}

Question ID : **6549789181**
Status : **Answered**
Chosen Option : **3**

Q.11 How many triangles are there in the following figure?



Ans

✗ 1. 24

✗ 2. 19

✓ 3. 26

✗ 4. 22

Question ID : **6549789197**
Status : **Answered**
Chosen Option : **4**

Q.12 **In a certain code language, BANKER is coded as 57 and SPAN is coded as 54. How will PRANK be coded in that language?**

Ans

✗ 1. 58

✗ 2. 61

✓ 3. 65

✗ 4. 69

Question ID : **6549789186**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.13 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. 2197
2. 4913
3. 2379
4. 1331

Question ID : **6549789183**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the option in which the numbers in the set share the same relationship as the numbers in the given set.

(14, 22, 77)

Ans
1. (20, 16, 105)
2. (17, 15, 76)
3. (18, 32, 144)
4. (22, 11, 86)

Question ID : **6549788372**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

28 : 70

Ans
1. 18 : 45
2. 12 : 32
3. 30 : 84
4. 34 : 86

Question ID : **6549789179**
Status : **Not Answered**
Chosen Option : **--**

Q.16 'Bracelet' is related to 'Ornaments' in the same way as 'Clove' is related to '_____'.

Ans
1. Spices
2. Kitchen
3. Taste
4. Cooking

Question ID : **6549788380**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.17 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. 

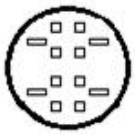
Question ID : **6549788390**
Status : **Answered**
Chosen Option : **3**

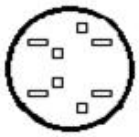
aglasem.com

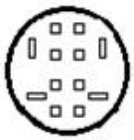
Q.18 A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.

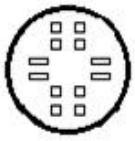


Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **6549788391**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.**

1. Class
2. Admission
3. Certificate
4. Application
5. Assessment

Ans

✔ 1. 4, 2, 1, 5, 3

✘ 2. 4, 2, 5, 1, 3

✘ 3. 3, 5, 2, 3, 1

✘ 4. 2, 4, 3, 1, 5

Question ID : **6549789184**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.20 **Which two signs should be interchanged to make the given equation correct?**

39 ÷ 3 × 13 + 26 – 13 = 2

Ans
1. × and –
2. ÷ and –
3. ÷ and ×
4. + and –

Question ID : **6549788370**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Three of the following four words are alike in a certain way and one is different. Select the odd one.**

Ans
1. Contentment
2. Jealousy
3. Sadness
4. Disgust

Question ID : **6549788385**
Status : **Answered**
Chosen Option : **2**

Q.22 **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.**

NEED : OGHH : : FAST : ?

Ans
1. ECVZ
2. GCWY
3. GCVX
4. GDUX

Question ID : **6549788379**
Status : **Answered**
Chosen Option : **3**

Q.23 **In a code language, SAUCE is written as ASVEC. How will MEANT be written as in that language?**

Ans
1. EMANT
2. MEBTN
3. EMBTN
4. EMCTN

Question ID : **6549788377**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.24 **Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter sequence correctly.**

K _ P _ L C _ R _ C P _ N _ P R

Ans
1. E R P R R C
2. C P P M R R
3. M R P M R R
4. C R P M R C

Question ID : **6549788381**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Select the option in which the words share the same relationship as that shared by the given pair of words.**

Necklace : Gold

Ans
1. Ocean : River
2. Paper : Wood pulp
3. Potter : Clay
4. Grass : Lawn

Question ID : **6549789191**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 A sum of money lent at simple interest amounts to ₹9,920 after 2 years and to ₹12,800 after 5 years. Find the rate of interest per annum.

Ans
1. 6.57%
2. 12%
3. 18%
4. 9.68%

Question ID : **6549789210**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.2

If $a + b - c = 0$, then what is the value of $\frac{(b-c)^2}{4bc}\frac{(c-a)^2}{4ca}\frac{(a+b)^2}{4ab}$?

Ans

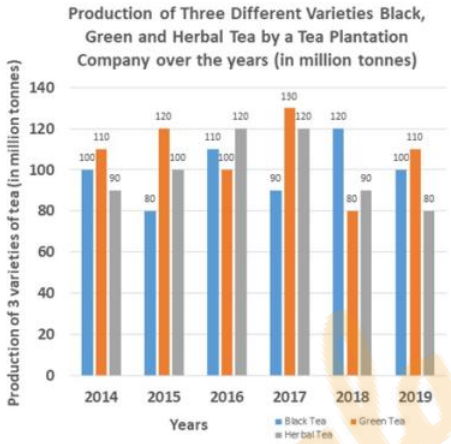
1. $\frac{1}{2}$
2. $-\frac{3}{4}$
3. $-\frac{1}{2}$
4. $\frac{3}{4}$

Question ID : **6549788409**
Status : **Not Answered**
Chosen Option : **--**

Q.3

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 total production of green tea in 2016 and 2018 is what per cent of the total production of herbal tea in 2015 and 2017?

Ans

1. 83.4
2. 85.6
3. 79.7
4. 81.8

Question ID : **6549789123**
Status : **Answered**
Chosen Option : **4**

aglasem.com

Q.4 A reduction of 20% in the rate of sugar enables Sudhir to get 6 kg more sugar for ₹960. What is the reduced rate of sugar per kg?

Ans

1. ₹35 ✗
2. ₹36 ✗
3. ₹32 ✓
4. ₹40 ✗

Question ID : **6549789207**
Status : **Answered**
Chosen Option : **3**

Q.5 D, E and F are the feet of the perpendiculars from the vertices A, B and C, respectively, of a triangle ABC. If angle BED and angle BFE (in degrees) are 24 and 110, respectively, what is the measure (in degrees) of angle EBF?

Ans

1. 55 ✗
2. 67 ✗
3. 86 ✗
4. 46 ✓

Question ID : **6549788406**
Status : **Not Answered**
Chosen Option : **--**

Q.6 In ΔPQR, points T and S are on PQ and PR, respectively, such that TS is parallel to QR. If TQ = 7.2 cm, PS = 1.8 cm and SR = 5.4 cm, then find the length of PT.

Ans

1. 2 cm ✗
2. 2.4 cm ✓
3. 1.35 cm ✗
4. 3.6 cm ✗

Question ID : **6549789213**
Status : **Answered**
Chosen Option : **2**

Q.7 A pair of jeans marked at ₹960 is offered in a departmental store for ₹816. What is the percentage of discount given by the shopkeeper?

Ans

1. 17.64 ✗
2. 17 ✗
3. 15 ✓
4. 16 ✗

Question ID : **6549788398**
Status : **Answered**
Chosen Option : **3**

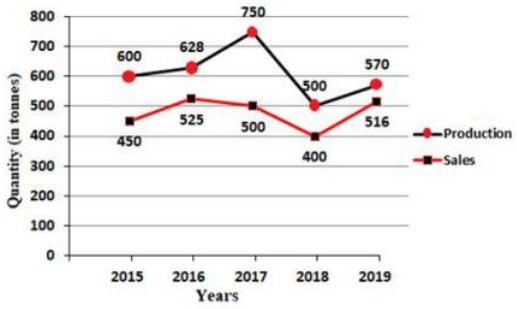
aglasem.com

Q.8 If a : b = 5 : 7, b : c = 8 : 15, then find the value of 8c : 5a.

Ans
1. 24 : 5
2. 21 : 5
3. 176 : 65
4. 8 : 21

Question ID : **6549789209**
Status : **Answered**
Chosen Option : **2**

Q.9 The line graph shows the production (in tonnes) and the sales (in tonnes) of a company.



What is the percentage of maximum increase or reduction in the production of the company in comparison to the previous year?

Ans
1. 46.67% reduction
2. 33.33% reduction
3. 50% increase
4. 29% increase

Question ID : **6549789226**
Status : **Answered**
Chosen Option : **2**

Q.10 Ravi can row a boat in still water at the speed of 14 km/h. If a river is flowing at the speed of 2 km/h and Ravi takes 3 hours to cover a certain distance upstream, then how much time will he take to cover the same distance downstream?

Ans
1. 2 h 20 m
2. 2 h
3. 2 h 15 m
4. 2 h 30 m

Question ID : **6549789203**
Status : **Answered**
Chosen Option : **3**

eglasem.com

Q.11 Simplify the following expression.

$$\frac{3}{5}+2\frac{2}{5}\div\left[\left(\frac{7}{8}-\frac{3}{4}\right)\times 4-6\frac{2}{3}\div\frac{4}{3}\right]\times\frac{1}{3}$$

Ans

✔ 1. $\frac{19}{45}$

✘ 2. $-\frac{2}{9}$

✘ 3. $-\frac{13}{5}$

✘ 4. $\frac{17}{15}$

Question ID : **6549788411**
Status : **Answered**
Chosen Option : **1**

Q.12 PA and PB are tangents drawn to a circle with centre O from an external point P. If A and B are points on the circle and $\angle OBA = 42°$, then $\angle APB$ is:

Ans

✘ 1. $78°$

✔ 2. $84°$

✘ 3. $76°$

✘ 4. $86°$

Question ID : **6549789211**
Status : **Answered**
Chosen Option : **2**

Q.13 Simplify the following expression.

$$(2a-b-3c)(4a^2+b^2+9c^2+2ab+6ac-3bc)$$

Ans

✘ 1. $-8a^3+b^3+27c^3$

✘ 2. $8a^3+b^3+27c^3$

✔ 3. $8a^3-b^3-27c^3-18abc$

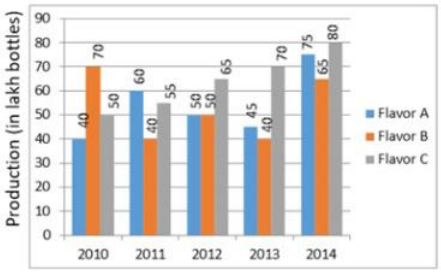
✘ 4. $8a^3-b^3-27c^3+18abc$

Question ID : **6549789215**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.14 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.



The difference between the average production of flavour A in 2012, 2013 and 2014 and the average production of flavour C in 2012, 2013 and 2014 is:

Ans

✗ 1. 10 lakh bottles

✗ 2. 12 lakh bottles

✗ 3. 18 lakh bottles

✓ 4. 15 lakh bottles

Question ID : **6549787709**
Status : **Not Answered**
Chosen Option : **--**

Q.15 If $x - y = 4$ and $xy = 3$, then what is the value of $x^3 - y^3$?

Ans

✗ 1. 88

✗ 2. 28

✓ 3. 100

✗ 4. 64

Question ID : **6549788408**
Status : **Answered**
Chosen Option : **3**

Q.16 In a rectangular park having dimensions 60 m × 40 m, two circular flower beds with radius 7 m are developed. What is the area of the remaining portion of the park? $\left(Use\ \pi = \frac{22}{7}\right)$

Ans

✗ 1. $1196\ m^2$

✗ 2. $1749\ m^2$

✓ 3. $2092\ m^2$

✗ 4. $2246\ m^2$

Question ID : **6549788396**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.17 Joseph bought two woollen jackets for ₹2,100 and ₹3,150, respectively. By selling the first at a gain of k% and the second at a loss of k%, he found that the selling price of both is the same. What is the value of k?

Ans

✔ 1. 20

✘ 2. 22.64

✘ 3. 15

✘ 4. 25

Question ID : **6549788400**
Status : **Not Answered**
Chosen Option : **--**

Q.18 If the number 34k56k is divisible by 6, then what will be the largest value of k?

Ans

✔ 1. 6

✘ 2. 8

✘ 3. 9

✘ 4. 4

Question ID : **6549789218**
Status : **Answered**
Chosen Option : **1**

Q.19 Evaluate the following expression.

$$\frac{\tan^2 60° + \text{cosec}30° \sin 90° + 3\sec^2 30°}{4\sin^2 45° + \sec^2 60° - \cot^2 30° - 5\cos^2 90°}$$

Ans

✘ 1. $\frac{7}{3}$

✔ 2. 3

✘ 3. $\frac{19}{17}$

✘ 4. -12

Question ID : **6549789221**
Status : **Answered**
Chosen Option : **2**

Q.20 Two chords PQ and RS of a circle meet at A when produced. AT is a tangent to the circle meeting it at T. The ratio PA : SA is equal to which of the following?

Ans

✘ 1. RQ : QT

✘ 2. AQ : AT

✘ 3. AQ : QR

✔ 4. RA : AQ

Question ID : **6549788404**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.21 The average weight of 3 persons A, B and C is 60 kg. When D joins the group, the average weight becomes 65 kg. When another person E whose weight is 3 kg less than that of D replaces A, the average weight of B, C, D and E becomes 67 kg. What is the weight of A?

Ans

✗ 1. 60 kg

✓ 2. 69 kg

✗ 3. 72 kg

✗ 4. 65 kg

Question ID : **6549789205**
Status : **Answered**
Chosen Option : **2**

Q.22 In a triangle ABC, right-angled at C, if $\sec A = \frac{13}{5}$, then find the value of $\frac{1+\sin A}{\cos B}$.

Ans

✓ 1. $\frac{25}{12}$

✗ 2. $\frac{3}{2}$

✗ 3. $\frac{18}{5}$

✗ 4. 5

Question ID : **6549788412**
Status : **Answered**
Chosen Option : **1**

Q.23 Geeta can assemble a toy in 10 minutes, whereas Sudha can assemble the same toy in 15 minutes. If they work together, how much time will they take to assemble 60 toys?

Ans

✓ 1. 6 hours

✗ 2. 5 hours

✗ 3. 7 hours

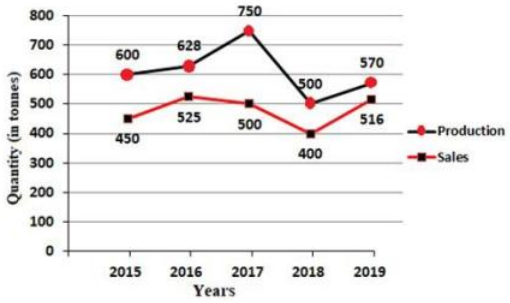
✗ 4. 7 hours 30 minutes

Question ID : **6549788394**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.24 The given line graph shows the production (in tonnes) and the sales (in tonnes) of a company.

How much more is the production in 2015 and 2017 taken together than the sales in 2016 and 2018 taken together (in tonnes)?



Ans

✔ 1. 425

✘ 2. 328

✘ 3. 434

✘ 4. 178

Question ID : **6549788415**
Status : **Not Answered**
Chosen Option : **--**

Q.25 If $\text{cosec}^2\theta(\cos\theta - 1)(1 + \cos\theta) = k$, then what is the value of k?

Ans

✘ 1. 1

✔ 2. -1

✘ 3. $\frac{1}{2}$

✘ 4. 0

Question ID : **6549788414**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 Whose autobiography is titled 'The Substance and the Shadow'?

Ans

✘ 1. Kishore Kumar

✘ 2. Rajesh Khanna

✘ 3. Raj Kapoor

✔ 4. Dilip Kumar

Question ID : **6549789246**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.2 **Which of the following file formats does MS Paint use to open and save files in Windows?**

Ans
1. .DOC
2. .XIS
3. .JPEG
4. .PPT

Question ID : **6549789227**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Which of the following nations ranked first in the World Press Freedom index 2020?**

Ans
1. India
2. France
3. Norway
4. The US

Question ID : **6549788425**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **The musical instrument 'Kartal' from the state of Rajasthan comes under the category of _____.**

Ans
1. electrophones
2. membranophones
3. chordophones
4. idiophones

Question ID : **6549789229**
Status : **Not Answered**
Chosen Option : **--**

Q.5 **Who among the following is India's highest wicket taker in test cricket as of December 2020?**

Ans
1. Kapil Dev
2. Anil Kumble
3. Narendra Hirwani
4. Bishan Singh Bedi

Question ID : **6549789249**
Status : **Not Answered**
Chosen Option : **--**

eglasem.com

Q.6 What is India's rank on the World Economic Forum's Global Competitiveness Index of 141 countries for the year 2019?

Ans
1. 48th
2. 45th
3. 68th
4. 65th

Question ID : **6549788427**
Status : **Not Answered**
Chosen Option : **--**

Q.7 The deficiency of which of the following vitamins causes night blindness?

Ans
1. Vitamin B2
2. Vitamin A
3. Vitamin E
4. Vitamin D

Question ID : **6549788428**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Which of the following is a computer application software?

Ans
1. Word processor
2. RAM
3. Visual Basic
4. Java

Question ID : **6549788420**
Status : **Not Answered**
Chosen Option : **--**

Q.9 How many states does the 'STARS' project launched by the Government of India and World Bank in 2020 seek to cover?

Ans
1. 8
2. 4
3. 10
4. 6

Question ID : **6549789231**
Status : **Not Answered**
Chosen Option : **--**

eglasem.com

Q.10 In the Battle of Swally (1612) the British fought against the _____.

Ans
1. Danish
2. Portuguese
3. French
4. Dutch

Question ID : **6549789244**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Where is Harmandir Sahib (Golden Temple) situated?

Ans
1. Amritsar
2. Patiala
3. Ludhiana
4. Jalandhar

Question ID : **6549788422**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Which Indian state was the highest contributor to Food Corporation of India (FCI)'s total paddy procurement across the country till May 2020?

Ans
1. Telangana
2. Uttar Pradesh
3. Andhra Pradesh
4. Punjab

Question ID : **6549789241**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Heat, in _____, is a type of energy transfer from a warmer substance to a colder one.

Ans
1. gravity
2. friction
3. thermodynamics
4. magnet

Question ID : **6549789237**
Status : **Not Answered**
Chosen Option : **--**

eglasem.com

Q.14 LAC (Line of Actual Control) is an effective border between India and _____.

Ans
1. Bhutan
2. Pakistan
3. Sri Lanka
4. China

Question ID : **6549788431**
Status : **Not Answered**
Chosen Option : **--**

Q.15 In which of the following categories does Indian boxer Lovlina Borgohain play?

Ans
1. 69 kg
2. 91 kg
3. 81 kg
4. 75 kg

Question ID : **6549789251**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Dr. Tsering Landol, who was one of the recipients of the Padma Bhushan 2020 award, hails from:

Ans
1. Nagaland
2. Mizoram
3. Ladakh
4. Arunachal Pradesh

Question ID : **6549788437**
Status : **Not Answered**
Chosen Option : **--**

Q.17 The National Education Policy (NEP), 2020 commits to raising the total expenditure by states and centre on education to _____ of GDP.

Ans
1. 4%
2. 6%
3. 2%
4. 8%

Question ID : **6549789234**
Status : **Not Answered**
Chosen Option : **--**

eglasem.com

Q.18 **Which sport has been approved to be played at the 2024 Summer Olympics in Paris for the first time?**

Ans
- ✗ 1. Parkour race
- ✗ 2. Darts
- ✓ 3. Breakdancing
- ✗ 4. Cricket

Question ID : **6549789232**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **What was the total number of gold medals won by India at Commonwealth Games 2018?**

Ans
- ✗ 1. 44
- ✗ 2. 33
- ✓ 3. 26
- ✗ 4. 18

Question ID : **6549788442**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **As of January 2021, more than 93% of India's chromite resources were located in:**

Ans
- ✓ 1. Odisha
- ✗ 2. Jharkhand
- ✗ 3. Madhya Pradesh
- ✗ 4. Karnataka

Question ID : **6549788432**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **Who among the following presided over the special session of Congress in September 1923 and at the age of 35 became the youngest man to be elected as the President of the Congress?**

Ans
- ✗ 1. Mahadev Govind Ranade
- ✗ 2. Ram Manohar Lohia
- ✗ 3. Bal Gangadhar Tilak
- ✓ 4. Maulana Abul Kalam Azad

Question ID : **6549788435**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.22 _____ holds office from the date of his/her election till immediately before the first meeting of the Lok Sabha after the dissolution of the one to which he/she was elected.

Ans
✔ 1. Speaker
✘ 2. Minister of Parliamentary Affairs
✘ 3. Minister of Information and Broadcasting
✘ 4. Vice President

Question ID : **6549789247**
Status : **Not Answered**
Chosen Option : **--**

Q.23 One-third of the members of the Vidhan Parishad retire every _____ year/s.

Ans
✘ 1. four
✘ 2. one
✘ 3. three
✔ 4. two

Question ID : **6549788440**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Which among the following is used as the fining agent in wine?

Ans
✔ 1. Gelatin
✘ 2. Chlorine
✘ 3. Sodium
✘ 4. Baking Soda

Question ID : **6549788430**
Status : **Not Answered**
Chosen Option : **--**

Q.25 'Per Drop More Crop' is the goal for which Government of India scheme?

Ans
✔ 1. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)
✘ 2. Pradhan Mantri Awaas Yojana Gramin (PMAY-G)
✘ 3. Pradhan Mantri Jan-Dhan Yojana (PMJDY)
✘ 4. Pradhan Mantri MUDRA Yojana (PMMY)

Question ID : **6549789242**
Status : **Not Answered**
Chosen Option : **--**

eglasem.com

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
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 most appropriate meaning of the given idiom.**

Hard nut to crack

Ans

✔ 1. a difficult person or problem

✘ 2. someone who solves puzzles easily

✘ 3. someone who needs guidance

✘ 4. a person who likes to joke around

Question ID : **6549788764**
Status : **Answered**
Chosen Option : **1**

Q.2 **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**

eglasem.com

Q.3 **Select the correct indirect form of the given sentence.**

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

Ans

✗ 1. Sitab says Madam is watching the program on our folk songs.

✓ 2. Sitab requests Madam to watch that program on their folk songs.

✗ 3. Sitab asks Madam have you watched the program on their folk songs.

✗ 4. Sitab said to Madam to watch the program on our folk songs.

Question ID : **6549789657**
Status : **Answered**
Chosen Option : **2**

Q.4 **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. to be the best mentor

✓ 2. as she always have time to listen and guide

✗ 3. When I was at school

✗ 4. I found my class teacher

Question ID : **6549789658**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the most appropriate synonym of the given word.**

BONHOMIE

Ans

✗ 1. deceit

✓ 2. companionship

✗ 3. irritation

✗ 4. fickleness

Question ID : **6549789678**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the most appropriate ANTONYM of the given word.**

BEWILDER

Ans

✗ 1. weaken

✓ 2. enlighten

✗ 3. terrify

✗ 4. confuse

Question ID : **6549789670**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.7 **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. was engaged
- ✘ 2. on the current
- ✘ 3. political crisis
- ✘ 4. in a discussion

Question ID : **6549788750**
Status : **Answered**
Chosen Option : **1**

Q.8 **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 bought more
- ✘ 2. that buys more
- ✔ 3. that buying more
- ✘ 4. No improvement

Question ID : **6549789669**
Status : **Answered**
Chosen Option : **3**

Q.9 **Select the word which means the same as the group of words given.**

Something which cannot be taken by force

Ans
- ✔ 1. Impregnable
- ✘ 2. Irresistible
- ✘ 3. Imperative
- ✘ 4. Impromptu

Question ID : **6549788767**
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. dormant
- ✘ 2. duplicate
- ✘ 3. invisible
- ✘ 4. inanimate

Question ID : **6549789677**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.11 **Select the most appropriate meaning of the given idiom:**

know inside out

Ans

✗ 1. To know a little about something

✗ 2. To know everything by rote memory

✓ 3. To know something thoroughly

✗ 4. To always know a lot about every topic

Question ID : **6549789672**
Status : **Answered**
Chosen Option : **3**

Q.12 **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.13 **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. hardly

✗ 2. definitely

✗ 3. mildly

✓ 4. bitterly

Question ID : **6549788772**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **Select the most appropriate synonym of the given word.**

FASCINATION

Ans

✗ 1. dislike

✗ 2. happiness

✗ 3. agreement

✓ 4. appeal

Question ID : **6549788770**
Status : **Answered**
Chosen Option : **4**

aglasem.com

Q.15 **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. CABD
✗ 2. BDAC
✓ 3. CBDA
✗ 4. ABDC

Question ID : **6549789666**
Status : **Answered**
Chosen Option : **3**

Q.16 **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. introduce
✓ 2. amend
✗ 3. initiate
✗ 4. abandon

Question ID : **6549789680**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the most appropriate antonym of the given word.**

EQUILIBRIUM

Ans
✗ 1. stability
✓ 2. imbalance
✗ 3. adherence
✗ 4. coolness

Question ID : **6549788762**
Status : **Answered**
Chosen Option : **2**

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

Ans
✗ 1. flapped
✓ 2. noncomital
✗ 3. referred
✗ 4. accommodate

Question ID : **6549789675**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.19 **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. BADC
✗ 2. ABCD
✗ 3. ACDB
✓ 4. BDCA

Question ID : **6549788758**
Status : **Answered**
Chosen Option : **4**

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

Ans
✗ 1. promotion
✗ 2. tradition
✓ 3. applicasion
✗ 4. completion

Question ID : **6549788765**
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 : 21

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

Ans
✗ 1. enables
✗ 2. hurts
✗ 3. creates
✓ 4. affects

Question ID : **6549788752**
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 : 22

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

Ans

✗ 1. on

✓ 2. of

✗ 3. with

✗ 4. to

Question ID : **6549788753**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

An 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. nourishment

✓ 3. diet

✗ 4. nutrition

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. unknown

✘ 2. knowledgeable

✘ 3. knowing

✘ 4. known

Question ID : **6549788755**
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 : 25

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

Ans

✘ 1. creation

✘ 2. greatness

✘ 3. development

✔ 4. wisdom

Question ID : **6549788756**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

Q.1 **In a code language, CIRCUS is written as DKUGZY. How will JOKER be written in the same language?**

Ans

✗ 1. KQUIV

✗ 2. KRNJW

✗ 3. KQMJW

✓ 4. KQNIW

Question ID : **6549788781**
Status : **Answered**
Chosen Option : **4**

Q.2 **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. {68, 73, 85}

✓ 2. {34, 41, 43}

✗ 3. {23, 30, 34}

✗ 4. {56, 64, 66}

Question ID : **6549789686**
Status : **Answered**
Chosen Option : **2**

Q.3 **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. SBTR

✗ 2. CCRT

✓ 3. CCTR

✗ 4. CDTR

Question ID : **6549788783**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.4 **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. 3, 4, 2, 1, 6, 5
✗ 2. 5, 1, 4, 2, 6, 3
✗ 3. 3, 6, 1, 4, 2, 5
✓ 4. 5, 4, 2, 1, 6, 3

Question ID : **6549789689**
Status : **Answered**
Chosen Option : **4**

Q.5 **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. c a d d b a
✗ 2. d c d a b d
✗ 3. b c a c b a
✓ 4. d c a d b a

Question ID : **6549788886**
Status : **Answered**
Chosen Option : **4**

Q.6 **'Second' is related to 'Minute' in the same way as 'Day' is related to '_____'.**

Ans
✗ 1. Dusk
✗ 2. Dawn
✓ 3. Week
✗ 4. Night

Question ID : **6549788784**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.7 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. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **6549788796**
Status : **Answered**
Chosen Option : **4**

Q.8 **If '×' means '–', '÷' means '+', '+' means '×' and '–' means '÷', then what will be the value of the following expression?**

16 ÷ 32 – 4 × 2 + 1 = ?

Ans

✗ 1. 7.5

✗ 2. 32

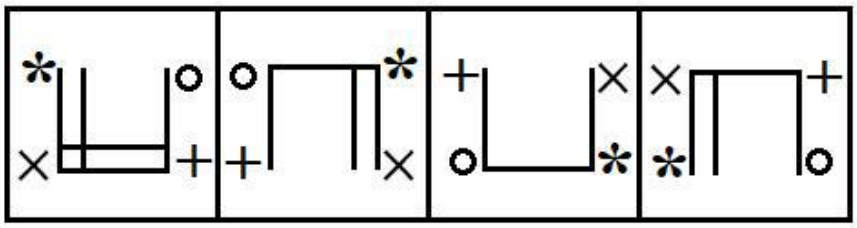
✓ 3. 22

✗ 4. 10

Question ID : **6549788774**
Status : **Answered**
Chosen Option : **3**

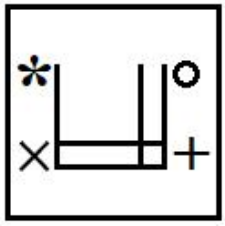
aglasem.com

Q.9 Select the figure that will come next in the following series.

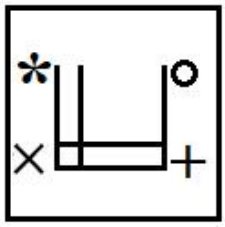


Ans

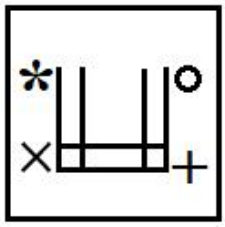
✔ 1.



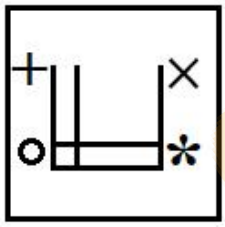
✘ 2.



✘ 3.



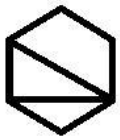
✘ 4.



aglasem.com

Question ID : **6549789701**
Status : **Answered**
Chosen Option : **1**

Q.10 In which of the following options is the given figure embedded? (rotation is NOT allowed)

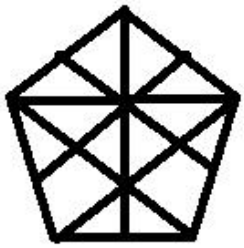


Ans

✗ 1.

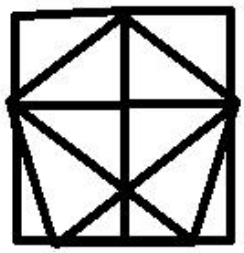


✗ 2.



✓ 3.

✗ 4.



Question ID : **6549788794**
Status : **Answered**
Chosen Option : **3**

Q.11 **In a certain code language, MAKER is coded as 90. How will BROTHER be coded in that language?**

Ans

✗ 1. 95

✓ 2. 100

✗ 3. 119

✗ 4. 112

Question ID : **6549789691**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.12 **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. (4, 12, 18)
✘ 2. (8, 12, 17)
✘ 3. (5, 15, 30)
✘ 4. (7, 22, 17)

Question ID : **6549788776**
Status : **Answered**
Chosen Option : **1**

Q.13 **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.14 **'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. Daughter
✘ 2. Mother
✔ 3. Aunt
✘ 4. Sister

Question ID : **6549787978**
Status : **Answered**
Chosen Option : **3**

Q.15 **Four numbers have been given, out of which three are alike in some manner and one is different. Select the number that is different.**

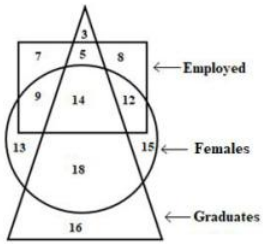
Ans
✔ 1. 115
✘ 2. 73
✘ 3. 127
✘ 4. 89

Question ID : **6549789688**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.16 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. 39

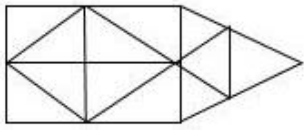
✘ 2. 40

✘ 3. 35

✘ 4. 41

Question ID : **6549789706**
Status : **Answered**
Chosen Option : **1**

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



Ans

✘ 1. 14

✘ 2. 16

✘ 3. 19

✔ 4. 17

Question ID : **6549789702**
Status : **Answered**
Chosen Option : **4**

Q.18 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. FMNQ

✘ 3. BJPV

✔ 4. DLRT

Question ID : **6549789697**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.19 **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 II follows

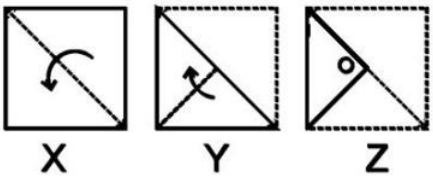
✓ 3. Only conclusion III follows

✗ 4. Only conclusion I follows

Question ID : **6549788790**
Status : **Answered**
Chosen Option : **3**

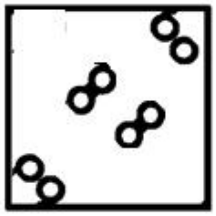
aglasem.com

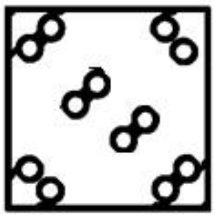
Q.20 A paper is folded and cut as shown in the following figures (X, Y and Z). How will it appear when unfolded?

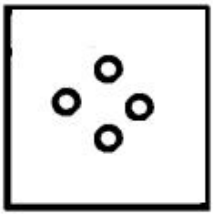


Ans

✗ 1.


✗ 2.


✗ 3.


✓ 4.


aglasem.com

Question ID : **6549788795**
Status : **Answered**
Chosen Option : **4**

Q.21 **Three of the following four words are alike in a certain way and one is different. Select the odd one.**

Ans

✗ 1. Cat

✗ 2. Lion

✓ 3. Dog

✗ 4. Tiger

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

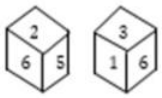
Q.22 **Select the option in which the words share the same relationship as that shared by the given pair of words.**

Purification : Filter

Ans
✔ 1. Digging : Spade
✘ 2. Selling : Car
✘ 3. Coloring : House
✘ 4. Walking : Exercise

Question ID : **6549789696**
Status : **Answered**
Chosen Option : **4**

Q.23 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. 6
✘ 2. 4
✘ 3. 5
✔ 4. 2

Question ID : **6549789700**
Status : **Answered**
Chosen Option : **4**

Q.24 **Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.**

24 : 37

Ans
✘ 1. 8 : 9
✘ 2. 17 : 28
✘ 3. 78 : 87
✔ 4. 63 : 82

Question ID : **6549789684**
Status : **Answered**
Chosen Option : **4**

Q.25 **Select the number that can replace the question mark (?) in the following series.**

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

Ans
✔ 1. 42
✘ 2. 35
✘ 3. 30
✘ 4. 27

Question ID : **6549788778**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Section : **Quantitative Aptitude**

Q.1 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

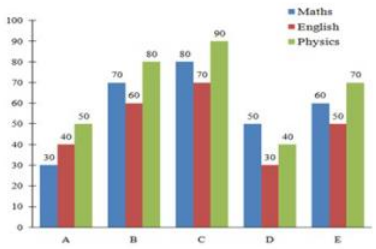
✓ 2. 56

✗ 3. 40

✗ 4. 42

Question ID : **6549789708**
Status : **Answered**
Chosen Option : **2**

Q.2 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. 35

✗ 2. 25

✗ 3. 20

✓ 4. 30

Question ID : **6549789325**
Status : **Answered**
Chosen Option : **4**

Q.3 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. 165.9

✗ 2. 156.6

✗ 3. 165.6

✗ 4. 156.9

Question ID : **6549789718**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.4 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. 8.65

✘ 2. 5.88

✘ 3. 5

✘ 4. 8.56

Question ID : **6549789726**
Status : **Answered**
Chosen Option : **1**

Q.5 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. 72

✘ 2. 130

✔ 3. 112

✘ 4. 96

Question ID : **6549789714**
Status : **Answered**
Chosen Option : **3**

Q.6 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

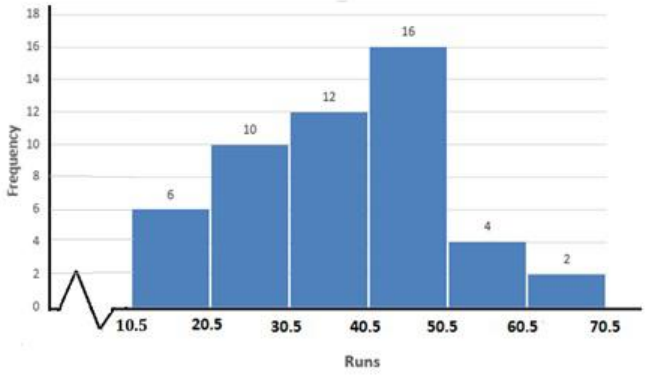
✘ 4. 0.4

Question ID : **6549788815**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.7 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. 28
✗ 2. 34
✗ 3. 12
✓ 4. 16

Question ID : **6549788819**
Status : **Answered**
Chosen Option : **4**

Q.8 If the nine-digit number 87605x31y is divisible by 72, then the value of 2x−3y is:

Ans

✓ 1. 2
✗ 2. 1
✗ 3. 0
✗ 4. −1

Question ID : **6549789723**
Status : **Answered**
Chosen Option : **1**

Q.9 One side of a rectangular field is 39 m and its diagonal is 89 m. What is the area of the field?

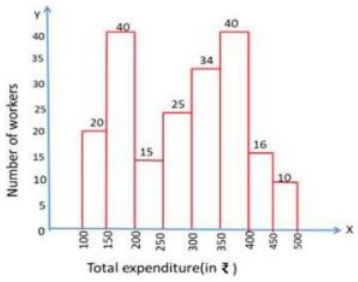
Ans

✗ 1. 2160 m^2
✓ 2. 3120 m^2
✗ 3. 3140 m^2
✗ 4. 2100 m^2

Question ID : **6549788800**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.10 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. 15%

✓ 2. 12%

✗ 3. 14%

✗ 4. 10%

Question ID : **6549787912**
Status : **Answered**
Chosen Option : **2**

Q.11 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. 182

✗ 2. 175

✗ 3. 156

✗ 4. 130

Question ID : **6549788810**
Status : **Answered**
Chosen Option : **1**

Q.12 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. 9.5

✗ 2. 9

✓ 3. 7.5

✗ 4. 7

Question ID : **6549788798**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.13 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. 1,300

✘ 2. 1,150

✘ 3. 1,200

✘ 4. 1,250

Question ID : **6549789715**
Status : **Answered**
Chosen Option : **1**

Q.14 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. $\frac{100}{9}$

✘ 2. $\frac{10}{9}$

✘ 3. 10

✘ 4. $\frac{100}{3}$

Question ID : **6549789712**
Status : **Answered**
Chosen Option : **1**

Q.15 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. ₹572

✘ 2. ₹589

✘ 3. ₹596

✔ 4. ₹582

Question ID : **6549788804**
Status : **Answered**
Chosen Option : **4**

Q.16 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. ± 7

✔ 3. ± 4

✘ 4. 4

Question ID : **6549789720**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.17 If $\sin\theta + cosec\,\theta = 7$, then what is the value of $sin^3\theta + cosec^3\theta$?

Ans

✗ 1. 350

✗ 2. 382

✓ 3. 322

✗ 4. 367

Question ID : **6549788818**
Status : **Answered**
Chosen Option : **3**

Q.18 If $a + b + c = 2$ and $ab + bc + ca = -1$, then the value of $a^3 + b^3 + c^3 - 3abc$ is:

Ans

✓ 1. 14

✗ 2. 2

✗ 3. 5

✗ 4. 10

Question ID : **6549788813**
Status : **Answered**
Chosen Option : **1**

Q.19 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. ₹39

✗ 3. ₹38

✓ 4. ₹28

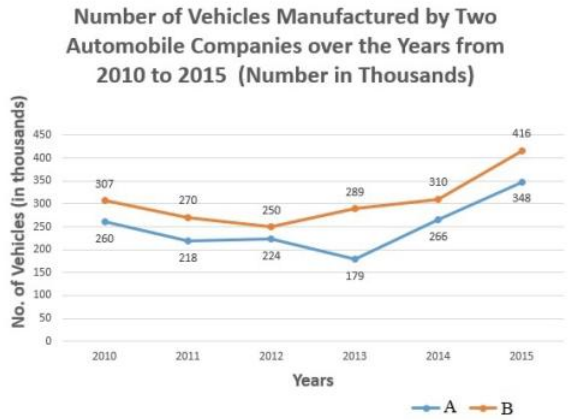
Question ID : **6549788802**
Status : **Answered**
Chosen Option : **4**

aglasem.com

Q.20 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.)



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. 42
3. 50
4. 45

Question ID : **6549789731**
Status : **Not Answered**
Chosen Option : **--**

Q.21 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. $145°$
2. $273°$
3. $87°$
4. $72°$

Question ID : **6549789716**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.22 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. 4,280

✓ 2. 5,280

✗ 3. 3,680

✗ 4. 4,980

Question ID : **6549789710**
Status : **Answered**
Chosen Option : **2**

Q.23 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. $4\sqrt{3}$ m

✓ 2. $6\sqrt{2}$ m

✗ 3. $3\sqrt{2}$ m

✗ 4. $5\sqrt{3}$ m

Question ID : **6549788816**
Status : **Answered**
Chosen Option : **2**

Q.24 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. 48°

✗ 3. 52°

✗ 4. 90°

Question ID : **6549788808**
Status : **Answered**
Chosen Option : **1**

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

Ans

✗ 1. $\frac{a}{b} = \frac{d}{c}$

✓ 2. $\frac{a}{b} = \frac{c}{d}$

✗ 3. $\frac{a}{d} = \frac{c}{b}$

✗ 4. $\frac{b}{a} = \frac{c}{d}$

Question ID : **6549788812**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Section : **General Awareness**

Q.1 **In which of the following states is the Loktak Lake located?**

Ans

✗ 1. Rajasthan

✗ 2. Sikkim

✓ 3. Manipur

✗ 4. Haryana

Question ID : **6549788836**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **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 : **Not Answered**
Chosen Option : **--**

Q.3 **What was the theme of the World Sustainable Development Summit 2021?**

Ans

✗ 1. Partnerships for a Resilient Planet

✗ 2. Towards 2030 Goals: Making the Decade Count

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

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

Question ID : **6549788829**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Hamideh Banu Maryam Makani was the wife of Mughal emperor _____.**

Ans

✓ 1. Humayun

✗ 2. Babur

✗ 3. Jahangir

✗ 4. Shah Jahan

Question ID : **6549789749**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.5 **In which of the following states is the Sirki Waterfall located?**

Ans

✔ 1. Arunachal Pradesh

✘ 2. Andhra Pradesh

✘ 3. Himachal Pradesh

✘ 4. Madhya Pradesh

Question ID : **6549789747**
Status : **Not Answered**
Chosen Option : **--**

Q.6 **Which of the following international awards did Indian drama series 'Delhi Crime' win in 2020?**

Ans

✘ 1. Golden Globe Award for Best Television Series – Drama

✘ 2. British Academy Television Award for Best Drama Series

✔ 3. International Emmy Award for Best Drama Series

✘ 4. Cannes Corporate Media & TV Awards – Best Drama

Question ID : **6549789751**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **Who among the following won the Golden Globe 2020 award for 'Best Performance by an Actress in a Motion Picture – Drama'?**

Ans

✔ 1. Renée Zellweger

✘ 2. Charlize Theron

✘ 3. Cynthia Erivo

✘ 4. Beanie Feldstein

Question ID : **6549788841**
Status : **Answered**
Chosen Option : **1**

Q.8 **Since 2000, Euro norms are followed in India under the name _____ Stage Emission Standards for four wheeled vehicles.**

Ans

✔ 1. Bharat

✘ 2. Jagat

✘ 3. India

✘ 4. Hindustan

Question ID : **6549789739**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.9 **The innermost part of a flower is called the:**

Ans

✗ 1. stamen

✗ 2. petal

✓ 3. pistil

✗ 4. sepal

Question ID : **6549788832**
Status : **Answered**
Chosen Option : **1**

Q.10 **Which of the following indigenous games is included in the Khelo India Youth Games 2021?**

Ans

✗ 1. Pallankuzhi

✓ 2. Gatka

✗ 3. Nondi

✗ 4. Chaupar

Question ID : **6549789736**
Status : **Answered**
Chosen Option : **2**

Q.11 **Who among the following was one of the winners of Nobel Prize in Physics 2020?**

Ans

✗ 1. Michel Mayor

✗ 2. Kip Thorne

✗ 3. Arthur Ashkin

✓ 4. Roger Penrose

Question ID : **6549789742**
Status : **Answered**
Chosen Option : **4**

Q.12 **In which of the following mountain ranges will you find the Guru Shikhar peak?**

Ans

✗ 1. Karakoram

✗ 2. Vindhya

✗ 3. Satpura

✓ 4. Aravalli

Question ID : **6549789746**
Status : **Not Answered**
Chosen Option : **--**

eglasem.com

Q.13 **Which keyboard shortcut in Microsoft Excel 2016 should you use to insert a new worksheet for Windows 10 operating system?**

Ans

✗ 1. Shift + F12

✗ 2. Shift + F7

✗ 3. Shift + F5

✓ 4. Shift + F11

Question ID : **6549789732**
Status : **Not Answered**
Chosen Option : **--**

Q.14 **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. Nokia

✓ 2. Samsung India

✗ 3. Vivo

✗ 4. Reliance

Question ID : **6549788824**
Status : **Answered**
Chosen Option : **4**

Q.15 **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.16 **With which of the following musical instruments is the musician Zakir Hussain associated?**

Ans

✓ 1. Tabla

✗ 2. Tanpura

✗ 3. Vichitra veena

✗ 4. Dhol

Question ID : **6549788826**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.17 **Who among the following film makers was conferred with the 'Padma Shri', the fourth highest civilian honour of the country, in 2020?**

Ans

✗ 1. Tanuja Chandra

✓ 2. Ekta Kapoor

✗ 3. Deepa Mehta

✗ 4. Zoya Akhtar

Question ID : **6549789737**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **With which of the following sports is Indian sportsperson Bhavani Devi associated?**

Ans

✗ 1. Wrestling

✗ 2. Boxing

✓ 3. Fencing

✗ 4. Rowing

Question ID : **6549789756**
Status : **Not Answered**
Chosen Option : **--**

Q.19 **Litmus paper changes to _____ colour when put in soap water.**

Ans

✓ 1. blue

✗ 2. red

✗ 3. yellow

✗ 4. orange

Question ID : **6549788834**
Status : **Answered**
Chosen Option : **1**

Q.20 **Who among the following is the only Indian to have won an individual gold medal at the Olympics?**

Ans

✗ 1. Vijender Singh

✓ 2. Abhinav Bindra

✗ 3. P. V. Sindhu

✗ 4. Karnam Malleswari

Question ID : **6549788846**
Status : **Answered**
Chosen Option : **2**

eglasem.com

Q.21 What was India's per capita net national income (estimated) during 2019-20?

Ans
1. ₹1,15,050
2. ₹1,85,050
3. ₹1,55,050
4. ₹1,35,050

Question ID : **6549788831**
Status : **Answered**
Chosen Option : **2**

Q.22 Who among the following was the President of the Board of Control for Cricket in India (BCCI) as of December 2020?

Ans
1. Sanjay Manjrekar
2. Ravi Shastri
3. Sourav Ganguly
4. Kapil Dev

Question ID : **6549789754**
Status : **Answered**
Chosen Option : **3**

Q.23 The normal term of every Lok Sabha is _____ years.

Ans
1. 12
2. 5
3. 10
4. 7

Question ID : **6549789752**
Status : **Answered**
Chosen Option : **2**

Q.24 'Memoirs of Babur' or 'Baburnama', also known as 'Tuzk-e Babri', was written by:

Ans
1. Faizi
2. Abdul Rahim Khan-i-Khanan
3. Babur
4. Talib Amah

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

eglasem.com

Q.25 **'Ranapa', a folk dance form of Odisha, consists of enacting chapters from the life of Lord _____.**

Ans

✗ 1. Indra

✗ 2. Ram

✓ 3. Krishna

✗ 4. Hanuman

Question ID : **6549789734**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	06/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : **English Language**

Q.1 **Select the misspelt word.**

Ans

✗ 1. already

✗ 2. library

✗ 3. instalment

✓ 4. boundry

Question ID : **6549789371**
Status : **Answered**
Chosen Option : **3**

Q.2 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

My brother lost / his job during the lockdown, / but he had got / a new job now.

Ans

✗ 1. his job during the lockdown

✓ 2. but he had got

✗ 3. a new job now

✗ 4. My brother lost

Question ID : **6549787638**
Status : **Answered**
Chosen Option : **2**

Q.3 **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'.**

A school teacher earns <u>fewer salary from</u> a college lecturer.

Ans

✓ 1. a lower salary than

✗ 2. No substitution required

✗ 3. fewer salary than

✗ 4. less salary from

Question ID : **6549787649**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.4 **Given below are four sentences in jumbled order. Select the option that gives their correct order.**

A. Once, on an airplane, I leaned over to tie my shoelace.
B. I found myself pinned helplessly in the crash position, unable to move.
C. I always have catastrophes when I travel.
D. Just at that moment, the person in the seat ahead threw his seat back into full recline.

Ans

✗ 1. ABDC

✓ 2. CADB

✗ 3. DBAC

✗ 4. BDAC

Question ID : **6549789364**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the option that can be used as a one-word substitute for the given group of words.**

A strong interest in something or someone

Ans

✓ 1. Fixation

✗ 2. Empathy

✗ 3. Apathy

✗ 4. Attachment

Question ID : **6549787657**
Status : **Answered**
Chosen Option : **3**

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

She told the car mechanic that her car was giving very low mileage.

Ans

✗ 1. The car mechanic said to her, "Your car is giving very low mileage."

✗ 2. She said to the car mechanic, "Her car has been giving very low mileage."

✓ 3. She said to the car mechanic, "My car is giving very low mileage."

✗ 4. She asked the car mechanic, "Why is my car giving very low mileage?"

Question ID : **6549787637**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate antonym of the given word.**

SAVAGE

Ans

✗ 1. violent

✓ 2. cultured

✗ 3. vicious

✗ 4. brutal

Question ID : **6549789368**
Status : **Answered**
Chosen Option : **2**

Q.8 **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 workers' union has threatened <u>for going to</u> an indefinite strike.

Ans

✗ 1. to be going for

✗ 2. No substitution

✗ 3. for going to

✓ 4. to go on

Question ID : **6549789365**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the most appropriate one-word substitution for the given words.**

To come to an end

Ans

✗ 1. initiate

✗ 2. exhale

✗ 3. inspire

✓ 4. expire

Question ID : **6549789373**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the most appropriate synonym of the given word.**

COMMENCE

Ans

✗ 1. complete

✗ 2. resume

✗ 3. conclude

✓ 4. launch

Question ID : **6549789376**
Status : **Answered**
Chosen Option : **4**

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

Friendly

Ans

✗ 1. Amiable

✗ 2. Zealous

✓ 3. Hostile

✗ 4. Upright

Question ID : **6549787650**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.12 **Select the most appropriate meaning of the underlined idiom in the given sentence.**

Organic food seems to be <u>in vogue</u> these days.

Ans
- ✗ 1. readily available
- ✗ 2. out of stock
- ✓ 3. in fashion
- ✗ 4. very expensive

Question ID : **6549789370**
Status : **Answered**
Chosen Option : **1**

Q.13 **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. Oprah Winfrey is one of the richest and most powerful American women, loved and admired by everyone.
B. When she was only 19, she became the first black female assistant to Nashville's evening news anchor.
C. But Oprah had a very difficult and traumatic childhood.
D. In 1986, Oprah became the television presenter of her own talk show called 'The Oprah Winfrey Show'.

Ans
- ✗ 1. CBDA
- ✗ 2. DACB
- ✓ 3. ABDC
- ✗ 4. BCAD

Question ID : **6549787646**
Status : **Answered**
Chosen Option : **3**

Q.14 **Fill in the blank with most appropriate word.**

I am _____ of joining the armed forces.

Ans
- ✗ 1. interested
- ✗ 2. keen
- ✓ 3. desirous
- ✗ 4. eager

Question ID : **6549789378**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the INCORRECTLY spelt word.**

Ans
- ✓ 1. Benifitiary
- ✗ 2. Territory
- ✗ 3. Strategy
- ✗ 4. Tractor

Question ID : **6549787655**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.16 **In the given sentence, identify the segment which contains a grammatical error.**

Every participant gave so outstanding performance that it became difficult to choose the winner.

Ans

✗ 1. Every participant gave

✓ 2. so outstanding performance

✗ 3. to choose the winner

✗ 4. that it became difficult

Question ID : **6549789356**
Status : **Answered**
Chosen Option : **2**

Q.17 **Select the correct passive form of the given sentence.**

She has put fresh flowers in the flower vase.

Ans

✗ 1. Fresh flowers are put in the flower vase.

✗ 2. Fresh flowers are being put in the flower vase.

✗ 3. Fresh flowers has been put in the flower vase.

✓ 4. Fresh flowers have been put in the flower vase.

Question ID : **6549789353**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the most appropriate meaning of the given idiom.**

To play with fire

Ans

✓ 1. To act in a dangerous and risky way

✗ 2. To hold a revenge against someone

✗ 3. To fight fires like a fireman

✗ 4. To pour oil on a burning fire

Question ID : **6549787652**
Status : **Answered**
Chosen Option : **1**

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

Imitate

Ans

✓ 1. Mimic

✗ 2. Effect

✗ 3. Disregard

✗ 4. Enlighten

Question ID : **6549787658**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.20 **Select the most appropriate word to fill in the blank.**

You don't usually discuss money with friends, because it may _____ the relationship negatively.

Ans
✔ 1. affect
✘ 2. improve
✘ 3. strengthen
✘ 4. effect

Question ID : **6549787660**
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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in the blank no. 1.**

Ans
✘ 1. himself
✘ 2. herself
✔ 3. myself
✘ 4. itself

Question ID : **6549789358**
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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 22

Q.22 **Select the most appropriate option to fill in the blank no. 2.**

Ans
✘ 1. so much
✔ 2. enough
✘ 3. more
✘ 4. so

Question ID : **6549789359**
Status : **Answered**
Chosen Option : **1**

eglasem.com

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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in the blank no. 3.

Ans

✔ 1. way

✘ 2. turn

✘ 3. cage

✘ 4. path

Question ID : **6549789360**
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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in the blank no. 4.

Ans

✘ 1. terrorizing

✘ 2. terrifying

✔ 3. terrified

✘ 4. terrible

Question ID : **6549789361**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

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 number.

The little princess said, "I shut you in a golden cage because I wanted to have you all to (1) _____. I never knew it would make you so unhappy. I love you (2) _____ to grant you freedom and let you be happy in your (3) _____." Then she opened the cage and let out the (4) _____ little bird. The bird said, "I will come back to sing you the (5) _____ songs I know," and flew away into the blue.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in the blank no. 5.

Ans

✗ 1. much lovely

✗ 2. more lovely

✗ 3. most lovelier

✓ 4. loveliest

Question ID : **6549789362**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

aglasem.com

Q.1 Select the option figure which contains figure X embedded in it as its part (rotation is NOT allowed).

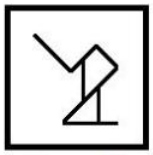
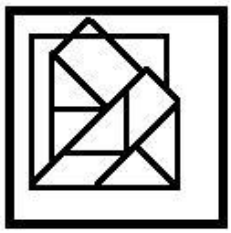


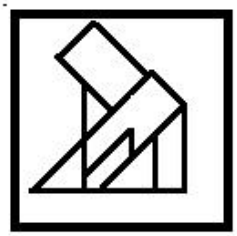
Figure X

Ans

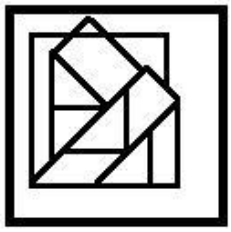
✗ 1.



✗ 2.



✓ 3.



✗ 4.



aglasem.com

Question ID : **6549789400**
Status : **Answered**
Chosen Option : **3**

Q.2 **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:
All bottles are utensils.
All kitchens are utensils.

Conclusions:
I. No bottle is a kitchen.
II. Some bottles are kitchens.
III. No utensil is a bottle.

Ans
✔ 1. Either conclusion I or II follows
✘ 2. Only conclusions I and II follow
✘ 3. All the conclusions follow
✘ 4. Only conclusions II and III follow

Question ID : **6549789396**
Status : **Answered**
Chosen Option : **1**

Q.3 **Mahendra is the son of Naman, who is the brother of Reema's mother. How is Mahendra related to Reema?**

Ans
✔ 1. Cousin
✘ 2. Son
✘ 3. Uncle
✘ 4. Brother

Question ID : **6549788584**
Status : **Answered**
Chosen Option : **3**

Q.4 **Select the option in which the numbers are related in the same way as are the numbers of the following set.**

(15, 7, 252)

Ans
✔ 1. (12, 16, 372)
✘ 2. (23, 9, 510)
✘ 3. (27, 10, 520)
✘ 4. (16, 14, 451)

Question ID : **6549787666**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.5 **Three of the following four words are alike in a certain way and one is different. Select the odd one.**

Ans
1. Dry Fruits
2. Almond
3. Cashew
4. Walnuts

Question ID : **6549789395**
Status : **Answered**
Chosen Option : **2**

Q.6 **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.**

FOR : MVY : : DEX : ?

Ans
1. KLE
2. LLF
3. KME
4. KLF

Question ID : **6549789389**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.**

p _ q q r _ p p q _ r r _ p q _ _ r

Ans
1. p r q p q r
2. r p q r p q
3. q q p p r r
4. q p r q r q

Question ID : **6549786866**
Status : **Answered**
Chosen Option : **1**

Q.8 **Select the option in which the words share the same relationship as that shared by the given pair of words.**

Axe : Chop

Ans
1. Scalpel : Stitching
2. Chisel : Carve
3. Scissor : Design
4. Compass : Architecture

Question ID : **6549787676**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.9 **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. XZCG
2. BDGK
3. VYAE
4. MORV

Question ID : **6549787677**
Status : **Answered**
Chosen Option : **3**

Q.10 **In a code language, MAGIC is written as NZTRX. How will LAYER be written in that language?**

Ans
1. OZBVH
2. NZBVQ
3. OZBVI
4. PZPVI

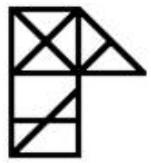
Question ID : **6549789387**
Status : **Answered**
Chosen Option : **3**

Q.11 **In a certain code language, 'FOSTER' is coded as '61219202218' and 'CARGO' is coded as '32618712'. How will 'MARRIAGE' be coded in that language?**

Ans
1. 132618180926705
2. 132618181826722
3. 140118181801722
4. 132609091826705

Question ID : **6549787671**
Status : **Answered**
Chosen Option : **1**

Q.12 How many triangles are there in the given figure?



Ans
1. 16
2. 15
3. 17
4. 14

Question ID : **6549787682**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.13 **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. 4 : 70

✗ 2. 7 : 349

✓ 3. 3 : 30

✗ 4. 8 : 518

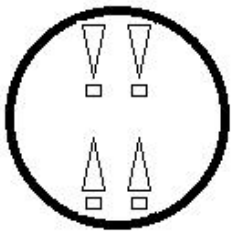
Question ID : **6549787668**
Status : **Answered**
Chosen Option : **3**

Q.14 A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded.

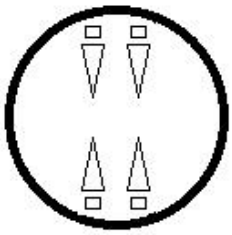


Ans

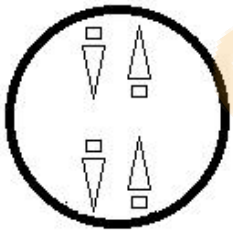
✗ 1.



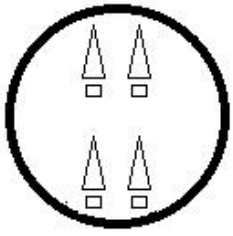
✓ 2.



✗ 3.



✗ 4.



Question ID : **6549789401**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.15 **Ankit is 30 years younger than his father. After 4 years Ankit's sister will be half the age of her father. The total of the present ages of Ankit and his sister is 67 years. What is the present age of Ankit's father?**

Ans
✔ 1. 66 years
✘ 2. 48 years
✘ 3. 60 years
✘ 4. 52 years

Question ID : **6549787662**
Status : **Answered**
Chosen Option : **1**

Q.16 **Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.**

1. Mosaic
2. Mosquito
3. Mortgage
4. Moratorium
5. Morphed

Ans
✔ 1. 4, 5, 3, 1, 2
✘ 2. 1, 4, 3, 2, 5
✘ 3. 4, 3, 1, 2, 5
✘ 4. 4, 1, 3, 5, 2

Question ID : **6549787669**
Status : **Answered**
Chosen Option : **1**

Q.17 **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.**

26 : 182 : : ? : 203 : : 38 : 266

Ans
✘ 1. 35
✔ 2. 29
✘ 3. 33
✘ 4. 27

Question ID : **6549787664**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

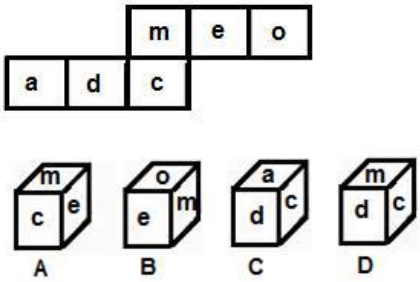
Q.18 **Which two signs and two numbers should be interchanged to make the given equation correct?**

12 × 5 + 7 ÷ 4 − 6 = 25

Ans
1. × and ÷, 7 and 6
2. × and −, 6 and 5
3. ÷ and −, 4 and 12
4. × and +, 12 and 4

Question ID : **6549789380**
Status : **Answered**
Chosen Option : **3**

Q.19 Select the cubes that can be formed by folding the given sheet along the lines.



Ans
1. Only A and D
2. Only B, C and D
3. Only A, C and D
4. Only B and C

Question ID : **6549787680**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the correct mirror image of the given letter cluster when a mirror is placed on the right side of the cluster.

DNKTRA

Ans
1. A Я T K И D
2. ∀ Я T K N D
3. A Я T K И D
4. A Я T K И D

Question ID : **6549789402**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.21 **Select the option in which the numbers share the same relationship as that shared by the numbers in the given set.**

(6, 8, 192)

Ans

✔ 1. (11, 9, 396)

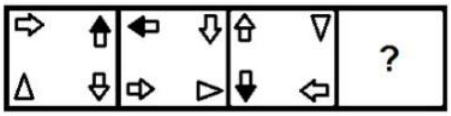
✘ 2. (7, 5, 78)

✘ 3. (12, 13, 263)

✘ 4. (8, 11, 180)

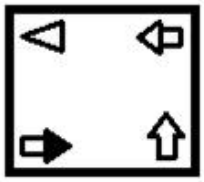
Question ID : **6549789382**
Status : **Answered**
Chosen Option : **1**

Q.22 Select the figure from among the given options that can replace the question mark (?) in the following series.

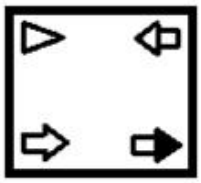


Ans

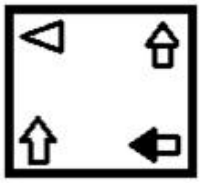
✘ 1.



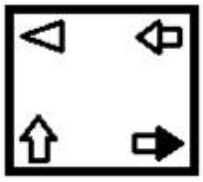
✘ 2.



✘ 3.



✔ 4.



aglasem.com

Question ID : **6549787681**
Status : **Answered**
Chosen Option : **4**

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

14, 29, 60, 123, ? , 505

Ans

✗ 1. 305

✓ 2. 250

✗ 3. 280

✗ 4. 150

Question ID : **6549789384**
Status : **Answered**
Chosen Option : **2**

Q.24 **'Soldier' is related to 'Security' in the same way as 'Farmer' is related to '_____'.**

Ans

✗ 1. Army

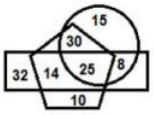
✓ 2. Agriculture

✗ 3. Poverty

✗ 4. Rain

Question ID : **6549789390**
Status : **Answered**
Chosen Option : **2**

Q.25 In the following Venn diagram, the pentagon stands for 'Librarians', the rectangle stands for 'Income Tax Payers', and the circle stands for 'Post-graduates'. The given numbers represent the number of persons in that particular category.



How many librarians are there who are also post-graduates?

Ans

✗ 1. 14

✓ 2. 55

✗ 3. 30

✗ 4. 25

Question ID : **6549787686**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 If the simple interest on a certain sum of money borrowed for 4 years at 9.5% per annum exceeds the simple interest on the same sum for 3 years at 12.5% per annum by ₹225, then the sum borrowed is:

Ans

✗ 1. ₹35,000

✓ 2. ₹45,000

✗ 3. ₹48,000

✗ 4. ₹42,000

Question ID : **6549787695**
Status : **Answered**
Chosen Option : **3**

Q.2 Suman and Lata working together can complete a task in 8 days. If Lata can complete the same task in 12 days, then how many days will Suman take to complete the same task?

Ans

✗ 1. 18

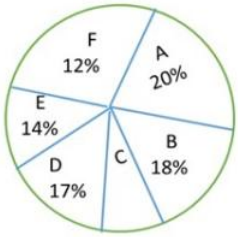
✗ 2. 15

✗ 3. 10

✓ 4. 24

Question ID : **6549789404**
Status : **Answered**
Chosen Option : **4**

Q.3 The following pie chart represents the percentage-wise distribution of 300 students of class X in a school in six different sections A, B, C, D, E and F.



The given table shows the number of boys of class X in six different sections A, B, C, D, E and F.

Section	A	B	C	D	E	F
No. of boys	36	26	34	28	------	20

The total number of boys in sections A, B and D together is what percentage more than the total number of girls in sections A, B and D together?

Ans

✗ 1. 18%

✗ 2. 30%

✗ 3. 15%

✓ 4. 20%

Question ID : **6549787711**
Status : **Answered**
Chosen Option : **4**

aglasem.com

Q.4 If the adjacent sides of a rectangle whose perimeter is 60 cm are in the ratio 3 : 2, then what will be the area of the rectangle?

Ans
1. $300\ cm^2$ ✗
2. $216\ cm^2$ ✓
3. $60\ cm^2$ ✗
4. $864\ cm^2$ ✗

Question ID : **6549789406**
Status : **Answered**
Chosen Option : **2**

Q.5 The circumference of a circle is 'aπ' units and the area of the circle is 'bπ' square units. If a : b is equal to 4 : 5, then the radius of the circle is:

Ans
1. 3 cm ✗
2. 2.5 cm ✓
3. 5 cm ✗
4. 2 cm ✗

Question ID : **6549787696**
Status : **Answered**
Chosen Option : **2**

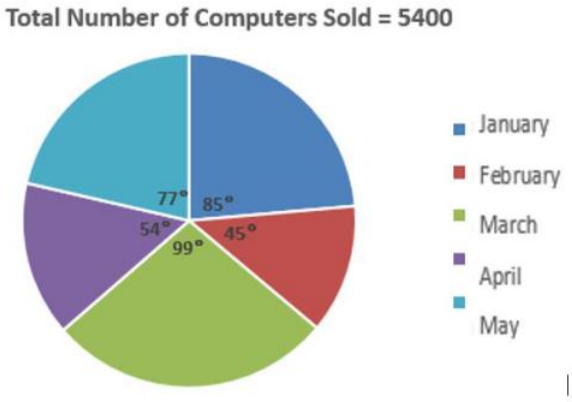
Q.6 If $x + \frac{81}{x} = 18$ where $x > 0$, then the value of $x^2 + \frac{162}{x^2}$ is:

Ans
1. 78 ✗
2. 83 ✓
3. 85 ✗
4. 81 ✗

Question ID : **6549787700**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.7 Study the given pie chart and answer the question that follows.
The pie chart shows the distribution (degree wise) of the number of computers sold by a shopkeeper during five months.



By what percentage is the total number of computers sold in February and March more than the number of computers sold in April and May (correct to one decimal place)?

Ans
1. 11.5%
2. 9.9%
3. 10.6%
4. 8.8%

Question ID : **6549786902**
Status : **Answered**
Chosen Option : **2**

Q.8 Mohan takes 2 hours more than Kishore to walk 63 km. If Mohan increases his speed by 50%, then he can make it in 1 hour less than Kishore. How much time does Kishore take to walk 63 km?

Ans
1. 7 hours
2. 9 hours
3. 6 hours
4. 5 hours

Question ID : **6549787688**
Status : **Answered**
Chosen Option : **1**

Q.9 Points D, E and F are on the sides AB, BC and AC, respectively, of triangle ABC such that AE, BF and CD bisect $\angle A$, $\angle B$ and $\angle C$, respectively. If AB = 6 cm, BC = 7 cm and AC = 8 cm, then what will be the length of BE?

Ans
1. 4 cm
2. 3 cm
3. 3.6 cm
4. 3.5 cm

Question ID : **6549789416**
Status : **Answered**
Chosen Option : **3**

aglasem.com

Q.10 If the angle between the internal bisectors of two angles $\angle B$ *and* $\angle C$ of a triangle ABC is $125°$, then the value of $\angle A$ is:

Ans

✗ 1. $65°$

✓ 2. $70°$

✗ 3. $72°$

✗ 4. $62°$

Question ID : **6549787698**
Status : **Not Answered**
Chosen Option : **--**

Q.11 If $3\cot A = 4\tan A$ and A is an acute angle, then what will be the value of secA ?

Ans

✓ 1. $\frac{\sqrt{7}}{2}$

✗ 2. $\frac{\sqrt{21}}{3}$

✗ 3. $\frac{1}{\sqrt{3}}$

✗ 4. $\frac{1}{2}$

Question ID : **6549789424**
Status : **Answered**
Chosen Option : **1**

Q.12 The present population of a village (males and females) is 7640. If the number of males increases by 25% and the number of females increases by 15%, then the population will become 9214. The difference between the present population of males and females in the village is:

Ans

✗ 1. 820

✗ 2. 960

✗ 3. 940

✓ 4. 920

Question ID : **6549787692**
Status : **Not Answered**
Chosen Option : **--**

Q.13 What is the value of $\frac{\cos^2 20° + \cos^2 70°}{\sin^2 90°} - \tan^2 45°$?

Ans

✓ 1. 0

✗ 2. 1

✗ 3. -2

✗ 4. -1

Question ID : **6549789422**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.14 Two positive numbers are in the ratio 8 : 13. If the sum of their squares is 2097, then the sum of the two numbers is:

Ans

✗ 1. 65

✓ 2. 63

✗ 3. 64

✗ 4. 60

Question ID : **6549787694**
Status : **Answered**
Chosen Option : **2**

Q.15 When a positive integer $'n'$ is divided by 12, the remainder is 5. What will be the remainder if $8n^2 + 7$ is divided by 12?

Ans

✗ 1. 2

✗ 2. 5

✓ 3. 3

✗ 4. 4

Question ID : **6549787703**
Status : **Answered**
Chosen Option : **3**

Q.16 Simplify the following expression.

$$\frac{3\frac{2}{3} - 5\frac{7}{9} \div \frac{1}{3} \times 1\frac{2}{13}}{\frac{2}{3} of\ 1\frac{1}{3} \div \frac{1}{3}}$$

Ans

✗ 1. $-2\frac{77}{104}$

✗ 2. $-29\frac{2}{5}$

✓ 3. $-6\frac{1}{8}$

✗ 4. $-14\frac{1}{4}$

Question ID : **6549789421**
Status : **Answered**
Chosen Option : **4**

aglasem.com

Q.17 A customer availed a 10% discount on the purchase of a table and paid ₹4,950 for it. How much money would he have saved if he had bargained to get 12% discount?

Ans
1. ₹660
2. ₹99
3. ₹108.90
4. ₹110

Question ID : **6549789408**
Status : **Answered**
Chosen Option : **4**

Q.18 If $x - \frac{1}{x} = 2\sqrt{2}$, then what will be the value of $x^3 - \frac{1}{x^3}$?

Ans
1. $22\sqrt{2}$
2. $12\sqrt{2}$
3. $10\sqrt{2}$
4. $20\sqrt{2}$

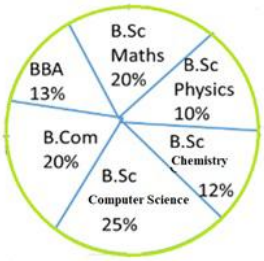
Question ID : **6549789418**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.19 Study the given pie chart and answer the question that follows.

Total number of students admitted in a college = 700.

Distribution of the percentage of students in various courses.



Percentage-wise distribution of the number of boys.

Course	Number of boys
B.Sc. Maths	40%
B.Sc. Physics	68%
B.Sc. Chemistry	58%
B.Sc. Computer Science	80%
B.Com.	75%
BBA	65%

The difference between the number of boys and the number of girls admitted in B.Com. is:

Ans
✗ 1. 65
✓ 2. 70
✗ 3. 75
✗ 4. 60

Question ID : **6549789628**
Status : **Not Answered**
Chosen Option : **--**

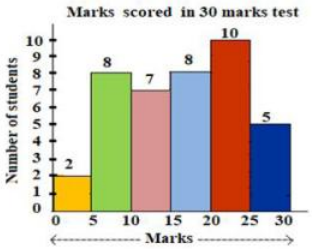
Q.20 If $x^4 - 12x^2 + 1 = 0$, then what will be the value of $x^4 + \frac{1}{x^4}$?

Ans
✓ 1. 142
✗ 2. 146
✗ 3. 10
✗ 4. 144

Question ID : **6549789419**
Status : **Answered**
Chosen Option : **1**

aglasem.com

Q.21 The histogram shows the marks scored by 40 students in a test with maximum 30 marks. How many students scored 10 or more marks?



Ans

1. ✗ 10
2. ✓ 30
3. ✗ 38
4. ✗ 23

Question ID : **6549789425**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Amit purchased stationery marked for ₹8,000 at 12% discount and spent ₹160 on transportation. He sold the stationery at the marked price. Find his profit percentage.

Ans

1. ✗ 10
2. ✗ 12
3. ✗ $12\frac{1}{2}$
4. ✓ $11\frac{1}{9}$

Question ID : **6549789410**
Status : **Answered**
Chosen Option : **3**

Q.23 Chord AB of a circle with radius 5 cm is at a distance of 4 cm from the centre O. If tangents drawn at A and B intersect at P, then find the length of the tangent AP.

Ans

1. ✗ 7.5 cm
2. ✓ 3.75 cm
3. ✗ 3 cm
4. ✗ 2.4 cm

Question ID : **6549789414**
Status : **Not Answered**
Chosen Option : **--**

uglasem.com

Q.24 If $\frac{\sin^2\theta}{\tan^2\theta-\sin^2\theta}=5$, then the value of $\frac{24\cos^2\theta-15\sec^2\theta}{6\cos ec^2\theta-7\cot^2\theta}$ is:

Ans
1. 6 ✗
2. 2 ✓
3. 4 ✗
4. 1 ✗

Question ID : **6549787706**
Status : **Not Answered**
Chosen Option : **--**

Q.25 The average of the squares of four consecutive odd natural numbers is 201. The average of 7 times of the largest number and 3 times of the smallest number is:

Ans
1. 72 ✗
2. 78 ✗
3. 76 ✓
4. 66 ✗

Question ID : **6549787690**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 **Who among the following represented India at the international level in shooting?**

Ans
1. Aditi Chauhan ✗
2. Anjum Moudgil ✓
3. Amit Panghal ✗
4. Ashalata Devi ✗

Question ID : **6549787736**
Status : **Answered**
Chosen Option : **1**

Q.2 **Ujjain is on the banks of river _____.**

Ans
1. Kshipra ✓
2. Dibang ✗
3. Sarayu ✗
4. Saraswati ✗

Question ID : **6549789442**
Status : **Answered**
Chosen Option : **4**

aglasem.com

Q.3 **Which of the following is NOT a correct match of Dargah and its respective location?**

Ans
- ✔ 1. Shaikh Nizamuddin Auliya Dargah - Agra
- ✘ 2. Khwaja Qutbuddin Bakhtiyar Kaki Dargah - Delhi
- ✘ 3. Haji Ali Dargah - Mumbai
- ✘ 4. Shaikh Muinuddin Sijzi (chishti) Dargah - Ajmer

Question ID : **6549787729**
Status : **Not Answered**
Chosen Option : **--**

Q.4 **Which of the following was the first operating system written in 'C' language?**

Ans
- ✔ 1. UNIX
- ✘ 2. Windows 95
- ✘ 3. Xenix
- ✘ 4. LINUX

Question ID : **6549787712**
Status : **Answered**
Chosen Option : **1**

Q.5 **Which of the following is the correct full form of JPEG?**

Ans
- ✘ 1. Joint Pixel Experts Group
- ✔ 2. Joint Photographic Experts Group
- ✘ 3. Joint Pixel Exports Group
- ✘ 4. Joint Photography Exports Group

Question ID : **6549789430**
Status : **Answered**
Chosen Option : **3**

Q.6 **Who among the following was the captain of women's hockey team of India as of December 2020?**

Ans
- ✘ 1. Rajani Etimarpu
- ✔ 2. Rani Rampal
- ✘ 3. Reena Khokhar
- ✘ 4. Grace Ekka

Question ID : **6549789452**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.7 **Who won the Chess.com's 2020 Junior Speed Online Chess Championship after beating Russia's Alexey Sarana?**

Ans
- ✗ 1. Magnus Carlsen
- ✗ 2. D Gukesh
- ✗ 3. Raunak Sadhwani
- ✓ 4. Nihal Sarin

Question ID : **6549787734**
Status : **Not Answered**
Chosen Option : **--**

Q.8 **Which Indian actor received the 'Crystal Award' at the World Economic Forum 2020?**

Ans
- ✓ 1. Deepika Padukone
- ✗ 2. Alia Bhatt
- ✗ 3. Kareena Kapoor
- ✗ 4. Katrina Kaif

Question ID : **6549789447**
Status : **Answered**
Chosen Option : **1**

Q.9 **Ministry of Finance introduced a new form called Form 26AS for:**

Ans
- ✗ 1. school admission application
- ✓ 2. tax payers
- ✗ 3. e-Visa application
- ✗ 4. job application

Question ID : **6549787719**
Status : **Not Answered**
Chosen Option : **--**

Q.10 **Which of the following national parks is situated in Kerala?**

Ans
- ✗ 1. Tadoba National Park
- ✗ 2. Kaziranga National Park
- ✗ 3. Sanjay Gandhi National Park
- ✓ 4. Eravikulam National Park

Question ID : **6549787726**
Status : **Answered**
Chosen Option : **4**

eglasem.com

Q.11 **Which of the following statements about blood pressure is correct?**

Ans
✗ 1. The normal systolic pressure is about 80 mm of Hg and diastolic pressure is 120 mm of Hg.

✗ 2. The normal systolic pressure is about 72 mm of Hg and diastolic pressure is 35 mm of Hg.

✗ 3. The normal systolic pressure is about 160 mm of Hg and diastolic pressure is 80 mm of Hg.

✓ 4. The normal systolic pressure is about 120 mm of Hg and diastolic pressure is 80 mm of Hg.

Question ID : **6549787722**
Status : **Answered**
Chosen Option : **4**

Q.12 **How many recognised essential vitamins are there as on March 2021?**

Ans
✗ 1. 15

✗ 2. 11

✓ 3. 13

✗ 4. 9

Question ID : **6549789438**
Status : **Not Answered**
Chosen Option : **--**

Q.13 **For which of the following categories were Paul R Milgrom and Robert B Wilson awarded the Nobel Prize in 2020?**

Ans
✗ 1. Chemistry

✗ 2. Physiology or Medicine

✗ 3. Literature

✓ 4. Economic Sciences

Question ID : **6549787731**
Status : **Answered**
Chosen Option : **4**

Q.14 **Which of the following states had the highest per capita income for the year 2019-2020?**

Ans
✗ 1. Gujarat

✓ 2. Goa

✗ 3. Kerala

✗ 4. Sikkim

Question ID : **6549789437**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.15 **Which country apart from India was declared a winner at the 2020 Online FIDE Chess Olympiad?**

Ans
- ✗ 1. Sweden
- ✓ 2. Russia
- ✗ 3. Brazil
- ✗ 4. Finland

Question ID : **6549789435**
Status : **Not Answered**
Chosen Option : **--**

Q.16 **Good Governance Day is observed annually on 25 December on the birth anniversary of _____.**

Ans
- ✓ 1. Atal Bihari Vajpayee
- ✗ 2. Rajiv Gandhi
- ✗ 3. Jawaharlal Nehru
- ✗ 4. P. V. Narasimha Rao

Question ID : **6549787716**
Status : **Answered**
Chosen Option : **1**

Q.17 **IC 1101 is a _____.**

Ans
- ✗ 1. asteroid
- ✓ 2. galaxy
- ✗ 3. supernova
- ✗ 4. satellite

Question ID : **6549789440**
Status : **Not Answered**
Chosen Option : **--**

Q.18 **Which of the following was the first High Court established in India?**

Ans
- ✗ 1. Bombay
- ✓ 2. Calcutta
- ✗ 3. Delhi
- ✗ 4. Madras

Question ID : **6549789450**
Status : **Answered**
Chosen Option : **2**

aglasem.com

Q.19 **Who among the following is NOT a part of the committee, which is constructed to provide suggestions to the Prime Minister regarding the appointment of a chief commissioner of Central Information Commission?**

Ans
- ✔ 1. Speaker of the Lok Sabha
- ✘ 2. A Union Cabinet Minister appointed by Prime Minister
- ✘ 3. Leader of Opposition in Lok Sabha
- ✘ 4. Prime Minister

Question ID : **6549787732**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **Which of the following rivers is a tributary of Krishna River?**

Ans
- ✘ 1. Bhavani
- ✔ 2. Tungabhadra
- ✘ 3. Hemavati
- ✘ 4. Amravati

Question ID : **6549787727**
Status : **Answered**
Chosen Option : **2**

Q.21 **To which of the following states does the dance drama 'Khyal' belong?**

Ans
- ✔ 1. Rajasthan
- ✘ 2. Gujarat
- ✘ 3. Madhya Pradesh
- ✘ 4. Punjab

Question ID : **6549787714**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **In Indian history who were referred to as the 'atavika rajya'?**

Ans
- ✘ 1. South Indian kingdom
- ✘ 2. Republican state
- ✔ 3. Forest kingdom
- ✘ 4. Mughal empire

Question ID : **6549789445**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com

Q.23 Which of the following ministries launched the e-Sampada mobile app in December 2020?

Ans
✔ 1. Ministry of Housing and Urban Affairs
✘ 2. Ministry of Agriculture and Farmers' Welfare
✘ 3. Ministry of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy
✘ 4. Ministry of Home Affairs

Question ID : **6549787717**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Where in India will you find India's largest tulip garden?

Ans
✔ 1. Munsiyari
✘ 2. Srinagar
✘ 3. Lansdowne
✘ 4. Dehradun

Question ID : **6549789441**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following festivals is celebrated for fertility and better fortune in Jharkhand?

Ans
✘ 1. Karam
✘ 2. Sarhul
✘ 3. Sohrai
✔ 4. Jawa

Question ID : **6549789432**
Status : **Not Answered**
Chosen Option : **--**

aglasem.com