

## Combined Higher Secondary Level Examination 2020 (Tier-I)

Roll Number	
Candidate Name	
Venue Name	
Exam Date	12/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Higher Secondary Level Exam 2020

Section : English Language

**Q.1** In the given sentence, identify the segment which contains the grammatical error.

Despite warnings the driver continued to speed and have been caught by the traffic police.

- Ans
- 1. Despite warnings
  - 2. and have been caught
  - 3. the driver continued to speed
  - 4. by the traffic police

Question ID : 6549788952  
Status : Answered  
Chosen Option : 1

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

It has been announced that after a gap of almost two months, domestic flight services will \_\_\_\_\_ from next week.

- Ans
- 1. retake
  - 2. advance
  - 3. proceed
  - 4. resume

Question ID : 6549786751  
Status : Answered  
Chosen Option : 4

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

Method to one's madness

- Ans
- 1. Being very neat and particular about details
  - 2. Seeming disorderly yet having a structure
  - 3. Always behaving like a mad person
  - 4. Not following rules and conventions

Question ID : 6549788966  
Status : Answered  
Chosen Option : 4

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Q.4 Select the INCORRECTLY spelt word.

- Ans
- 1. problem
  - 2. procession
  - 3. proclaim
  - 4. procurement

Question ID : 6549786746  
Status : Answered  
Chosen Option : 2

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

- A. One day the tailor and his wife discovered that their son was not in the house.
- B. The father went to the roadside and shouted, "John!"
- C. No one answered.
- D. They looked in the garden, and did not find him there.

- Ans
- 1. ADBC
  - 2. BACD
  - 3. ABDC
  - 4. BDAC

Question ID : 6549786737  
Status : Answered  
Chosen Option : 1

Q.6 In the given sentence, identify the segment which contains the grammatical error.

All the ladies of the colony assemble in the temple and prays together on Sunday evenings.

- Ans
- 1. assemble in the temple
  - 2. and prays together
  - 3. All the ladies of the colony
  - 4. on Sunday evenings

Question ID : 6549786729  
Status : Answered  
Chosen Option : 1

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

MOROSE

- Ans
- 1. mournful
  - 2. gloomy
  - 3. cheerful
  - 4. sullen

Question ID : 6549786741  
Status : Answered  
Chosen Option : 1

Q.8 Examine the four jumbled sentences. Out of the given options, pick the one that gives their correct order.

- A. Wasserkopf returns to his school and asks for a refund of his tuition fee.
- B. 'Refund' by Karinthy is a hilarious play about a student named Wasserkopf.
- C. However, the situation changes when the Mathematics teacher asks him to calculate the total amount.
- D. He further declares that he had learnt nothing at school in all the years.

- Ans
- 1. ADCB
  - 2. BCAD
  - 3. CBAD
  - 4. BADC

Question ID : 6549788960  
Status : Answered  
Chosen Option : 1

Q.9 Select the INCORRECTLY spelt word.

- Ans
- 1. healthiest
  - 2. angryest
  - 3. straightest
  - 4. disinterest

Question ID : 6549788967  
Status : Answered  
Chosen Option : 2

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

SAGA

- Ans
- 1. narrative
  - 2. abuse
  - 3. film
  - 4. sport

Question ID : 6549788972  
Status : Answered  
Chosen Option : 1

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

Get out of hand

- Ans
- 1. To get irritated
  - 2. To become difficult to control
  - 3. To be able to complete a task
  - 4. To be anxious

Question ID : 6549786743  
Status : Answered  
Chosen Option : 2

Q.12 Select the option which means the same as the group of words given.

A person who helps others in need

- Ans
- 1. donor
  - 2. patron
  - 3. samaritan
  - 4. contributor

Question ID : 6549786748  
Status : Answered  
Chosen Option : 4

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

WREAK

- Ans
- 1. fail
  - 2. cause
  - 3. forget
  - 4. neglect

Question ID : 6549786749  
Status : Answered  
Chosen Option : 2

Q.14 Select the correct passive form of the given sentence.

How many languages do you learn at school?

- Ans
- 1. How many languages will you learn at school?
  - 2. Languages are learnt by how many at school?
  - 3. How many languages are being learnt by you at school?
  - 4. How many languages have you being learnt by you learning at school?

Question ID : 6549788949  
Status : Answered  
Chosen Option : 3

Q.15 Select the option which means the same as the group of words given.

One who eats human flesh

- Ans
- 1. ethnic
  - 2. tribal
  - 3. humane
  - 4. cannibal

Question ID : 6549788969  
Status : Answered  
Chosen Option : 4

Q.16 Select the correct indirect form of the given sentence.

The chemist said to me, "I cannot take these medicines back as they are special medicines."

- Ans
- 1. The chemist told me that he cannot take these medicines back as they are special medicines.
  - 2. The chemist told me that he could not take those medicines back as they were special medicines.
  - 3. The chemist told me that I cannot take these medicines back as they are special medicines.
  - 4. The chemist told me that he could not take these medicines back as they are special medicines.

Question ID : 6549786728  
Status : Answered  
Chosen Option : 2

Q.17 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'.

I would have told you if I receive the medicines.

- Ans
- 1. No substitution
  - 2. had received
  - 3. would receive
  - 4. am receiving

Question ID : 6549786740  
Status : Answered  
Chosen Option : 2

Q.18 Select the most appropriate ANTONYM of the given word.

SURREPTITIOUS

- Ans
- 1. lazy
  - 2. open
  - 3. secret
  - 4. slow

Question ID : 6549788964  
Status : Answered  
Chosen Option : 2

Q.19 Select the most appropriate option to fill in the blank.

Delhi University's new institution called School of Public Health will offer a \_\_\_\_ of programs.

- Ans
- 1. scale
  - 2. plethora
  - 3. few
  - 4. branch

Question ID : 6549788974  
Status : Answered  
Chosen Option : 1

Q.20 Select the option that will improve the underlined segment in the given sentence. In case no improvement is needed, select 'No improvement'

Despite living in the same neighbourhood, we only did not greet each other.

- Ans
- 1. still
  - 2. mainly
  - 3. even
  - 4. No improvement

Question ID : 6549788961

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.

Nehru was a great patriot. He said, "I have received so (1) \_\_\_\_\_ love and affection from the Indian people (2) \_\_\_\_\_ nothing that I can do can repay (3) \_\_\_\_\_ a small fraction of it, and indeed there (4) \_\_\_\_\_ be no repayment of the great affection my fellow countrymen have showered on (5) \_\_\_\_\_.

SubQuestion No : 21

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

- Ans
- 1. many
  - 2. more
  - 3. little
  - 4. much

Question ID : 6549788954

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.

Nehru was a great patriot. He said, "I have received so (1) \_\_\_\_\_ love and affection from the Indian people (2) \_\_\_\_\_ nothing that I can do can repay (3) \_\_\_\_\_ a small fraction of it, and indeed there (4) \_\_\_\_\_ be no repayment of the great affection my fellow countrymen have showered on (5) \_\_\_\_\_.

SubQuestion No : 22

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

- Ans
- 1. this
  - 2. that
  - 3. either
  - 4. these

Question ID : 6549788955

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.

Nehru was a great patriot. He said, "I have received so (1) \_\_\_\_\_ love and affection from the Indian people (2) \_\_\_\_\_ nothing that I can do can repay (3) \_\_\_\_\_ a small fraction of it, and indeed there (4) \_\_\_\_\_ be no repayment of the great affection my fellow countrymen have showered on (5) \_\_\_\_\_.

**SubQuestion No : 23**

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

- Ans
- 1. either
  - 2. only
  - 3. even
  - 4. mainly

Question ID : 6549788956

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.

Nehru was a great patriot. He said, "I have received so (1) \_\_\_\_\_ love and affection from the Indian people (2) \_\_\_\_\_ nothing that I can do can repay (3) \_\_\_\_\_ a small fraction of it, and indeed there (4) \_\_\_\_\_ be no repayment of the great affection my fellow countrymen have showered on (5) \_\_\_\_\_.

**SubQuestion No : 24**

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

- Ans
- 1. should
  - 2. ought
  - 3. can
  - 4. may

Question ID : 6549788957

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.

Nehru was a great patriot. He said, "I have received so (1) \_\_\_\_\_ love and affection from the Indian people (2) \_\_\_\_\_ nothing that I can do can repay (3) \_\_\_\_\_ a small fraction of it, and indeed there (4) \_\_\_\_\_ be no repayment of the great affection my fellow countrymen have showered on (5) \_\_\_\_\_.

**SubQuestion No : 25**

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

- Ans
- 1. I
  - 2. mine
  - 3. me
  - 4. myself

Question ID : 6549788958  
Status : Answered  
Chosen Option : 3

## Section : General Intelligence

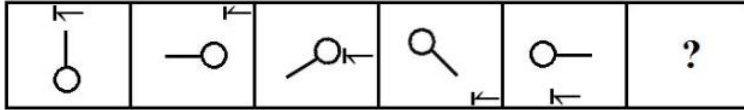
**Q.1** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RUNZ : IGLC :: WZSE : ?

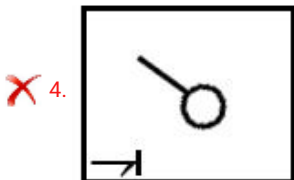
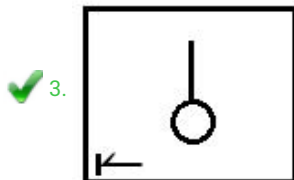
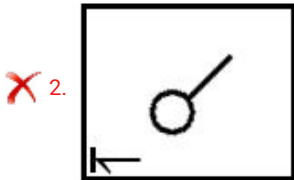
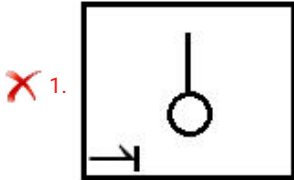
- Ans
- 1. CAFZ
  - 2. LJOG
  - 3. DBGX
  - 4. DFAJ

Question ID : 6549788985  
Status : Marked For Review  
Chosen Option : 3

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



Ans



Question ID : 6549786772

Status : Answered

Chosen Option : 3

Q.3 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Presentation
2. Preventive
3. Preparation
4. Pretension
5. Prescription

Ans ✓ 1. 3, 5, 1, 4, 2

✗ 2. 3, 1, 5, 4, 2

✗ 3. 3, 5, 1, 2, 4

✗ 4. 3, 4, 2, 1, 5

Question ID : 6549786760

Status : Answered

Chosen Option : 1

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

{12, 20, 32}

- Ans
- 1. {27, 49, 63}
  - 2. {6, 10, 16}
  - 3. {18, 30, 48}
  - 4. {21, 28, 56}

Question ID : 6549788978

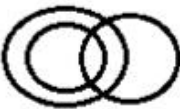
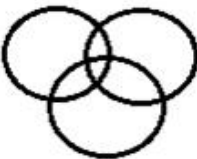
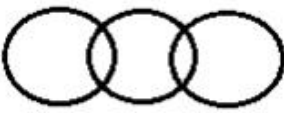

Status : Answered

Chosen Option : 3

Q.5 उस वेन आरेख का चयन करें, जो निम्न वर्गों के बीच के संबंध को सर्वोत्तम ढंग से निरूपित करता है।

पुरुष, चाचा, शिक्षित

Ans

- 1. 
- 2. 
- 3. 
- 4. 

Question ID : 6549786777

Status : Answered

Chosen Option : 2

Q.6 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

16 35 9  
18 33 8  
34 ? 5

- Ans
- 1. 32
  - 2. 34
  - 3. 35
  - 4. 33

Question ID : 6549786757

Status : Not Answered

Chosen Option : --

Q.7 निम्नलिखित जानकारी को ध्यान से पढ़ें और नीचे दिए गए प्रश्न का उत्तर दें।

'K \$ D' का अर्थ है 'D का पिता K है'।

'K < D' का अर्थ है 'D की पत्नी K है'।

'K > D' का अर्थ है 'D की बेटी K है'।

'K @ D' का अर्थ है 'D का पुत्र K है'।

व्यंजक 'H > R \$ S @ T > N' में, H, N से किस प्रकार संबंधित है?

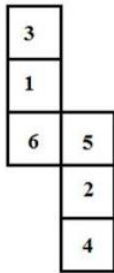
- Ans  1. पोती (Grand-daughter)  
 2. बेटी (Daughter)  
 3. भोजी (Niece)  
 4. बहु (Daughter-in law)

Question ID : 6549788180

Status : Answered

Chosen Option : 1

Q.8 A cube is made by folding the given sheet. In the cube so formed, what would be the number on the opposite side of '1'?



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

Question ID : 6549786771

Status : Answered

Chosen Option : 2

Q.9 The average marks of eight students in the Mathematics exam are 75. If the highest and lowest marks are removed, then the average marks become 80. If the ratio of the highest marks to the lowest marks is 3 : 1, then the highest marks are what percentage of the sum of the all the marks obtained by the eight students in the Mathematics exam?

- Ans  1. 15%  
 2. 18%  
 3. 20%  
 4. 12%

Question ID : 6549786753

Status : Answered

Chosen Option : 1

Q.10 Select the number from among the given options that can replace the question mark (?) in the following series.

7, 10, 18, 29, ?, 78

- Ans
- 1. 54
  - 2. 45
  - 3. 48
  - 4. 51

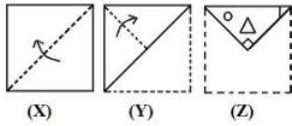
Question ID : 6549788980  
Status : Answered  
Chosen Option : 3

Q.11 In a certain code language, BIRTH is coded as 25129719 and DEVIL is coded as 23851215. How will GLORY be coded in that language?

- Ans
- 1. 21082519
  - 2. 20151892
  - 3. 20181529
  - 4. 25110928

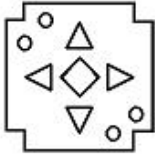
Question ID : 6549786762  
Status : Not Answered  
Chosen Option : --

Q.12 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

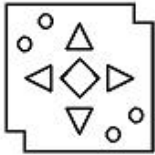


Ans

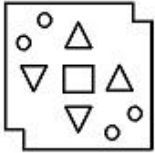
✗ 1.



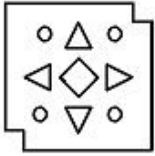
✓ 2.



✗ 3.



✗ 4.



Question ID : 6549788997

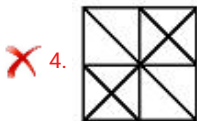
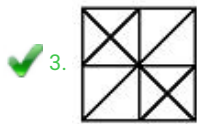
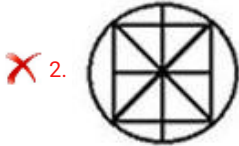
Status : Answered

Chosen Option : 2

Q.13 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans



Question ID : 6549788996  
Status : Answered  
Chosen Option : 3

Q.14 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different

- Ans
- 1. Violet
  - 2. Yellow
  - 3. Orange
  - 4. Black

Question ID : 6549788991  
Status : Answered  
Chosen Option : 4

Q.15 'Risk' is related to 'Hazard' in the same way as 'Absurd' is related to '\_\_\_\_\_':

- Ans
- 1. Paranormal
  - 2. Hypothetical
  - 3. Immoral
  - 4. Ridiculous

Question ID : 6549788986  
Status : Answered  
Chosen Option : 4

Q.16 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

c \_ t e m c p \_ e m \_ p t \_ \_

- Ans
- 1. p t c e m
  - 2. p e c t m
  - 3. c t m e p
  - 4. m p e t c

Question ID : 6549789805

Status : Answered

Chosen Option : 1

Q.17 उस विकल्प का चयन करें, जिसमें शब्द एक दूसरे से उसी प्रकार संबंधित हैं, जिस प्रकार वे दिए गए शब्द युग्म में एक दूसरे से संबंधित हैं।

जाम्बिया : लुसाका

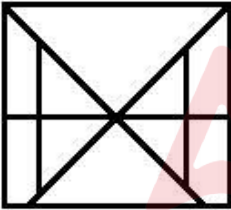
- Ans
- 1. कुवैत : सियोल
  - 2. बहरीन : मनामा
  - 3. इज़राइल : तेहरान
  - 4. भूटान : ढाका

Question ID : 6549786767

Status : Answered

Chosen Option : 1

Q.18 Find the number of triangles in the given figure.



- Ans
- 1. 14
  - 2. 10
  - 3. 8
  - 4. 12

Question ID : 6549786773

Status : Marked For Review

Chosen Option : 2

Q.19 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. 146
  - 2. 198
  - 3. 326
  - 4. 378

Question ID : 6549786759

Status : Answered

Chosen Option : 4

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some dogs are carnivores.  
All carnivores are animals.  
Some animals are tigers.

Conclusions:

- I. Some tigers are dogs.
- II. Some carnivores are tigers.
- III. All dogs are animals.

- Ans
- 1. Only conclusion II follows.
  - 2. Only conclusions I and III follow.
  - 3. Only conclusion I follows.
  - 4. None of the conclusions follow.

Question ID : 6549788992

Status : Answered

Chosen Option : 4

Q.21 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. PTZW
  - 2. MQWT
  - 3. FJPM
  - 4. TXDB

Question ID : 6549786768

Status : Answered

Chosen Option : 4

Q.22 Which two signs should be interchanged to make the following equation correct?

$$6 + 12 \times 8 \div 16 - 12 = 8$$

- Ans
- 1.  $\times$  and  $\div$
  - 2.  $\div$  and  $+$
  - 3.  $-$  and  $+$
  - 4.  $+$  and  $\times$

Question ID : 6549788976

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

Chosen Option : --

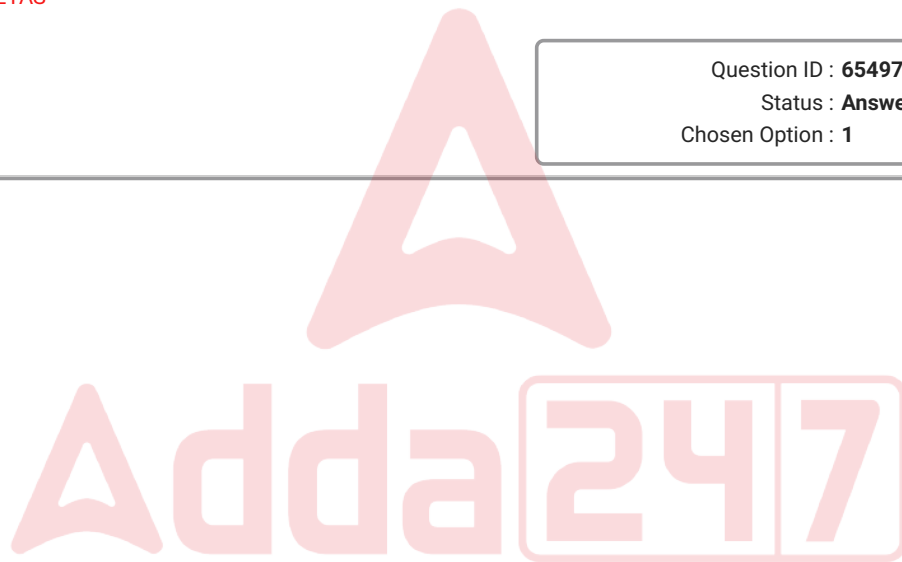
Q.23 In a certain code language, RATIONALE is written as NOIELATAR. How will STATEMENT be written in that language?

- Ans
- 1. METTNEATS
  - 2. ETATNEMTS
  - 3. METTAENST
  - 4. EMTTNETAS

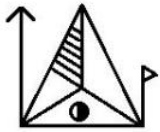
Question ID : 6549788983

Status : **Answered**

Chosen Option : 1

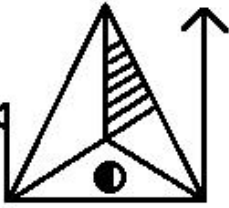


Q.24 Select the correct mirror image of the given figure when the mirror is placed at the right side of the figure.

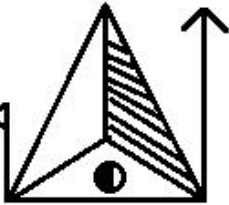


Ans

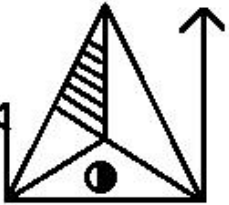
✓ 1.



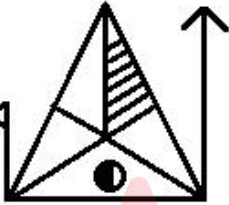
✗ 2.



✗ 3.



✗ 4.



Question ID : 6549788998  
Status : Answered  
Chosen Option : 1

Q.25 Select the option that is related to the third number in the same way as the second number is related to the first number.

8 : 36 :: 12 : ?

Ans ✗ 1. 80

✗ 2. 82

✓ 3. 78

✗ 4. 79

Question ID : 6549786755  
Status : Not Answered  
Chosen Option : --

Q.1 If the nine-digit number 259876p05 is completely divisible by 11, then what is the value of  $(p^2 + 5)$ ?

- Ans
- 1. 48
  - 2. 45
  - 3. 54
  - 4. 50

Question ID : 6549786794  
Status : Answered  
Chosen Option : 3

Q.2 If  $5 \tan A = 12$ , then what is the value of  $\frac{13 \sin A + 20 \tan A}{15 \tan A - 13 \cos A}$ , where A is an acute angle?

- Ans
- 1.  $\frac{31}{41}$
  - 2.  $\frac{41}{50}$
  - 3.  $1 \frac{19}{41}$
  - 4.  $1 \frac{29}{31}$

Question ID : 6549786797  
Status : Answered  
Chosen Option : 4

Q.3 The side  $QR$  of a triangle  $PQR$  is extended to a point S. If  $\angle PRS = 104^\circ$  and  $\angle RQP = \frac{3}{5} \angle QPR$ , then the value of  $\angle QPR$  is:

- Ans
- 1.  $65^\circ$
  - 2.  $55^\circ$
  - 3.  $45^\circ$
  - 4.  $58^\circ$

Question ID : 6549786789  
Status : Answered  
Chosen Option : 1

Q.4 The value of  $56 \div [12 + 9 \div 3 - \{8 + (18 \text{ of } 2 \div 9) - (40 \div 5 \text{ of } 2)\}] + \frac{27 + \frac{2}{5} \text{ of } 75}{5 + \frac{2}{3} \times (58 - 37)}$  is:

- Ans
- 1. 8
  - 2. 11
  - 3. -11
  - 4. -8

Question ID : 6549789017  
Status : Answered  
Chosen Option : 2

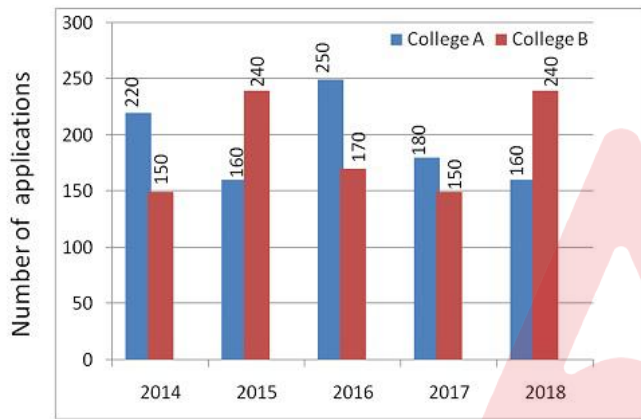
**Q.5** O is the centre of a circle of radius 9 cm. M is a point outside the circle and MN is a tangent to the circle. What is the length (in cm) of OM if the length MN is 12 cm?

- Ans**
- 1. 17
  - 2. 12
  - 3. 15
  - 4. 21

Question ID : 6549786787  
 Status : Answered  
 Chosen Option : 3

**Q.6** Study the following bar graph and answer the question given below.

The bar graph represents the total number of applications received for B.Sc. Mathematics by two different colleges A and B in 5 different years.



In 2015, out of the total number of applications received by colleges A and B together, only 60% were accepted. What were the total number of applications accepted by colleges A and B together in 2015?

- Ans**
- 1. 250
  - 2. 260
  - 3. 240
  - 4. 180

Question ID : 6549789021  
 Status : Answered  
 Chosen Option : 3

Q.7 Study the given bar graphs and answer the question that follows.

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

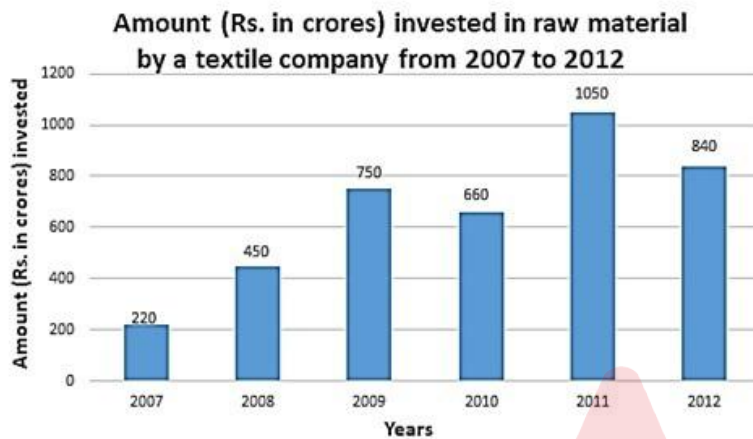


Figure 1



Figure 2

In 2011, the sale of products had increased by certain percentage with respect to the previous year. In 2012, by what percent should the sale of products increase from its present value so that it shows the same percent increase as had been shown in 2011?

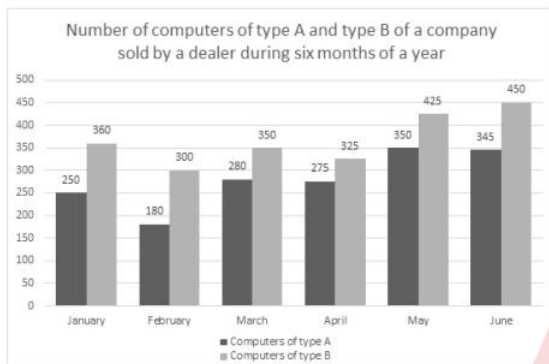
- Ans
- 1. 94
  - 2. 98
  - 3. 96
  - 4. 95

Q.8 If  $\sin^2 x = 3 \cos^2 x$  and  $0^\circ \leq x \leq 90^\circ$ , then what is the value of  $\frac{x}{2}$ ?

- Ans
- 1.  $22.5^\circ$
  - 2.  $45^\circ$
  - 3.  $15^\circ$
  - 4.  $30^\circ$

Question ID : 6549789020  
Status : Answered  
Chosen Option : 4

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



The average number of computers of type B sold in January, February and June exceeds by 20 the number of computers of type A sold in:

- Ans
- 1. March
  - 2. April
  - 3. June
  - 4. May

Question ID : 6549786497  
Status : Answered  
Chosen Option : 4

Q.10 A man invested ₹2,400 at 5% and ₹5,400 at 9% simple interest. What amount (in ₹) will he get from his investments after 6 years?

- Ans
- 1. 45,600
  - 2. 31,200
  - 3. 83,136
  - 4. 11,436

Question ID : 6549786786  
Status : Answered  
Chosen Option : 4

Q.11 If  $a = \frac{\sqrt{5}+2}{\sqrt{5}-2}$  and  $b = \frac{\sqrt{5}-2}{\sqrt{5}+2}$ , then the value of  $2a^2 + 2b^2 - 5ab$  is equal to:

- Ans
- 1. 693
  - 2. 649
  - 3. 635
  - 4. 639

Question ID : 6549789015  
Status : Answered  
Chosen Option : 4

Q.12 The value of  $a^3 + b^3 + c^3 - 3abc$ , when  $a=125$ ,  $b=127$  and  $c=129$ , is:

- Ans
- 1. 4725
  - 2. 4572
  - 3. 4752
  - 4. 3752

Question ID : 6549789014  
Status : Answered  
Chosen Option : 2

Q.13 The marked price of a table is ₹3,000, which is 25% above the cost price. It is sold at a discount of 20% on the marked price. What is the profit or loss per cent?

- Ans
- 1. Loss, 5%
  - 2. Profit, 10%
  - 3. Profit, 15%
  - 4. No profit, no loss

Question ID : 6549789004  
Status : Answered  
Chosen Option : 4

Q.14  $\Delta ABC$  is drawn in a circle such that  $AC = BC$  and  $\angle BAC = 65^\circ$ . From points B and C two tangents are drawn which intersect at point P. What is the measure of  $\angle BPC$ ?

- Ans
- 1.  $52.5^\circ$
  - 2.  $50^\circ$
  - 3.  $55^\circ$
  - 4.  $32.5^\circ$

Question ID : 6549789010  
Status : Answered  
Chosen Option : 2

Q.15 If  $\operatorname{cosec} A = 10$ , then what is the value of  $20 \sin A + 9\sqrt{11} \sec A$ ?

Given that A is an acute angle.

- Ans
- 1. 23
  - 2. 34
  - 3. 32
  - 4. 30

Question ID : 6549789018  
Status : Answered  
Chosen Option : 3

Q.16 The daily wages of P, Q and R are in the proportion 5 : 7 : 8. If Q earns ₹560 per day, then what are the daily wages (in ₹) of R and P, respectively?

- Ans
- 1. 400 and 640
  - 2. 350 and 590
  - 3. 640 and 400
  - 4. 590 and 350

Question ID : 6549786785  
Status : Answered  
Chosen Option : 1

Q.17 The area of an equilateral triangle is  $10.24\sqrt{3} \text{ m}^2$ . Its perimeter (in m) is:

- Ans
- 1. 3.2
  - 2. 9.6
  - 3. 6.4
  - 4. 19.2

Question ID : 6549789012  
Status : Answered  
Chosen Option : 4

Q.18 The square of the diagonal of a cube is  $2175 \text{ cm}^2$ . What is the total surface area (in  $\text{cm}^2$ ) of the cube?

- Ans
- 1. 4305
  - 2. 4272
  - 3. 4530
  - 4. 4350

Question ID : 6549789002  
Status : Answered  
Chosen Option : 4

Q.19 A shopkeeper bought 95 dozen oranges at ₹4.50 each. 7 dozen oranges were rotten and so were discarded. He sold the remaining oranges at ₹78 per dozen. What is his profit or loss per cent (to the nearest integer)?

- Ans
- 1. Profit, 45%
  - 2. Profit, 34%
  - 3. Loss, 34%
  - 4. Loss, 45%

Question ID : 6549789006  
Status : Marked For Review  
Chosen Option : 1

Q.20 The average age of 7 members of a family is 35 years. If the youngest members are twins and they are 15 years old, then what was the average age (in years) of the family members at the time of the birth of the twins?

- Ans
- 1. 28
  - 2. 27
  - 3. 30
  - 4. 25

Question ID : 6549786781  
Status : Answered  
Chosen Option : 1

Q.21 If  $(7x - 10y) = 8$  and  $xy = 5$ , then what is the value of  $49x^2 + 100y^2$ ?

- Ans
- 1. 764
  - 2. 632
  - 3. 623
  - 4. 746

Question ID : 6549786791  
Status : Answered  
Chosen Option : 1

Q.22 A and B can complete a piece of work in 27 days and 54 days, respectively. They completed the work in 9 days with the help of C. How many days will C take to complete eight-ninths of the work alone?

- Ans
- 1. 16
  - 2. 24
  - 3. 30
  - 4. 45

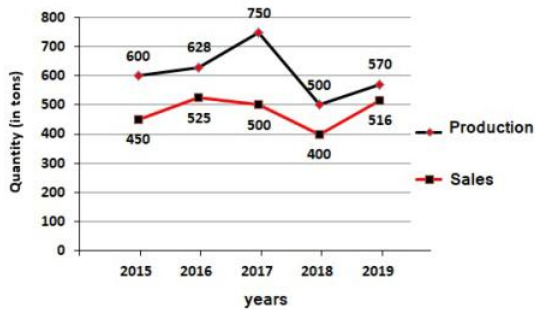
Question ID : 6549789000  
Status : Answered  
Chosen Option : 1

**Q.23** A's salary is 15% less than B's salary. B's salary is 30% less than C's salary. By how much percent approximately, is C's salary more than A's salary?

- Ans
- 1. 68
  - 2. 45
  - 3. 75
  - 4. 40

Question ID : 6549786783  
 Status : Answered  
 Chosen Option : 1

**Q.24** The line graph shows the production (in tonnes) and the sales (in tonnes) of a company.  
 What is the ratio of the production of the company in 2015 and 2016 taken together to the sales in 2017 and 2019 taken together?



- Ans
- 1. 195 : 214
  - 2. 307 : 330
  - 3. 307 : 229
  - 4. 307 : 254

Question ID : 6549789426  
 Status : Answered  
 Chosen Option : 4

**Q.25** A train, 500 m long, passes a railway platform 400 m long, in one minute with uniform speed. What is the time (in seconds) taken by the train to pass a man riding a motorbike, travelling opposite to the direction of the train, at a speed of 18 km/h?

- Ans
- 1. 30
  - 2. 48
  - 3. 54
  - 4. 25

Question ID : 6549786779  
 Status : Answered  
 Chosen Option : 4

Q.1 \_\_\_\_\_ contains and manages all the programs and applications that a computer or other device is able to run.

- Ans
- 1. Data Science
  - 2. Operating system
  - 3. Computer hardware
  - 4. Computer software

Question ID : 6549786803  
Status : Answered  
Chosen Option : 3

Q.2 'उगादी' निम्नलिखित में से किस राज्य का प्रसिद्ध त्योहार है?

- Ans
- 1. पंजाब
  - 2. आंध्र प्रदेश
  - 3. उत्तर प्रदेश
  - 4. गोवा

Question ID : 6549786805  
Status : Answered  
Chosen Option : 2

Q.3 As on 9 December 2020, how many states of India have implemented 'one nation one ration card system'?

- Ans
- 1. 12
  - 2. 9
  - 3. 5
  - 4. 7

Question ID : 6549789031  
Status : Answered  
Chosen Option : 4

Q.4 In which of the following countries is the headquarters of International Table Tennis Federation situated?

- Ans
- 1. Japan
  - 2. Thailand
  - 3. England
  - 4. Switzerland

Question ID : 6549786825  
Status : Answered  
Chosen Option : 2

Q.5 रेयान कपड़ा बनाने के लिए निम्न में से किस फाइबर का उपयोग किया जाता है?

- Ans
- 1. गम (Gum)
  - 2. सेलूलोज (Cellulose)
  - 3. पेक्टिन (Pectin)
  - 4. म्यूसिलेज (Mucilage)

Question ID : 6549789034  
Status : Answered  
Chosen Option : 3

Q.6 A \_\_\_\_\_ is a hydraulic structure of impervious material built across a river to create a reservoir on its upstream side for impounding water for various purposes.

- Ans
- 1. block
  - 2. dam
  - 3. fold
  - 4. drainage

Question ID : 6549786817  
Status : Answered  
Chosen Option : 2

Q.7 What was the contribution of the manufacturing sector in India's GDP in Q2 of 2020-21?

- Ans
- 1. Positive growth of 3.4%
  - 2. Positive growth of 0.6%
  - 3. Negative growth of 7.5%
  - 4. Negative growth of 8.6%

Question ID : 6549789033  
Status : Answered  
Chosen Option : 3

Q.8 निम्न में से महाकाव्य कहानी 'मनुचरित्र' के लेखक कौन है?

- Ans
- 1. बाणभट्ट
  - 2. पोद्दा
  - 3. चंदबरदाई
  - 4. अल्लासानी पेहना

Question ID : 6549789041  
Status : Answered  
Chosen Option : 2

Q.9 वर्ष 2020 में, \_\_\_\_\_ ग्रामीण परिवारों में 100% पाइप युक्त नल जल उपलब्ध कराने वाला पहला राज्य बन गया।

- Ans
- 1. मिजोरम
  - 2. केरल
  - 3. सिक्किम
  - 4. गोवा

Question ID : 6549789038  
Status : Answered  
Chosen Option : 2

Q.10 What is the keyboard shortcut to add a new row above a given row in Microsoft Excel?

- Ans
- 1. Alt + I + R
  - 2. Alt + C + I
  - 3. Shift + Spacebar
  - 4. Shift + I + R

Question ID : 6549789026  
Status : Answered  
Chosen Option : 4

Q.11 निम्नलिखित में से किसने 1990 में धोलावीरा में खुदाई शुरू की थी?

- Ans
- 1. एस.आर. राव
  - 2. आर.एस. बिष्ट
  - 3. आर.डी. बनर्जी
  - 4. एम.एस. वत्स

Question ID : 6549786820  
Status : Answered  
Chosen Option : 1

Q.12 The minimum paid up equity capital to set up a small finance bank should be of \_\_\_\_\_, as proposed by RBI as of May 2020.

- Ans
- 1. 100 crores
  - 2. 300 crores
  - 3. 200 crores
  - 4. 75 crores

Question ID : 6549786807  
Status : Answered  
Chosen Option : 2

Q.13 Who among the following was elected as the President of the All India Chess Federation in January 2021?

- Ans
- 1. Ajay Kumar
  - 2. Bhagat Singh Chauhan
  - 3. Sunil Arora
  - 4. Sanjay Kapoor

Question ID : 6549786827  
Status : Answered  
Chosen Option : 4

Q.14 Which of the following institutes bagged the UNESCO Asia-Pacific Award for cultural heritage conservation in December, 2020?

- Ans
- 1. IIT Roorkee
  - 2. IIT Delhi
  - 3. Amar Singh College Srinagar
  - 4. BBK DAV. College Amritsar

Question ID : 6549786808  
Status : Answered  
Chosen Option : 1

Q.15 \_\_\_\_\_, नियमों और सिद्धांतों का एक समुच्चय पेश करने में मदद करता है, जिस पर देश के सभी लोग उस तरीके के आधार के रूप में सहमत हो सकते हैं जिसमें वे चाहते हैं कि देश को शासित किया जाए।

- Ans
- 1. संविधान
  - 2. प्रस्तावना
  - 3. डाक्यूमेंट
  - 4. मसौदा

Question ID : 6549786823  
Status : Answered  
Chosen Option : 4

Q.16 Who among the following was conferred the title of 'Global Visionary of Sustainable Business and Peace' in 2020 by the Federation of Israel Chambers of Commerce for epitomising 'unity, peace and sustainability'?

- Ans
- 1. Lakshmi Mittal
  - 2. Mukesh Ambani
  - 3. Ratan Tata
  - 4. Azim Premji

Question ID : 6549786822  
Status : Answered  
Chosen Option : 3

Q.17 Sur Sarovar, also known as Keetham Lake, is a man-made reservoir. In which of the following years was it added in the list of Ramsar Sites?

- Ans
- 1. 1992
  - 2. 2020
  - 3. 2015
  - 4. 1998

Question ID : 6549786818  
Status : Answered  
Chosen Option : 2

Q.18 लोकनाट्य 'भांडपाथेर (Bhand Pather)' निम्न में से किस राज्य की नृत्य शैली है?

- Ans
- 1. गोवा
  - 2. कश्मीर
  - 3. हरियाणा
  - 4. सिक्किम

Question ID : 6549789028  
Status : Answered  
Chosen Option : 2

Q.19 CSIR as an autonomous body is the largest research and development organisation in India. What does CSIR stands for?

- Ans
- 1. Council of Scientific and Industrial Research
  - 2. Council of Space and Industrial Research
  - 3. Centre of Space and Industrial Research
  - 4. Chamber of States and Industrial Research

Question ID : 6549786813  
Status : Answered  
Chosen Option : 1

Q.20 Which doctor of Indian origin was honoured with 'Great Immigrants-2020' in the US?

- Ans
- 1. Ashok Rajgopal
  - 2. Mayur Lakhani
  - 3. Siddhartha Mukherjee
  - 4. Kiran C Patel

Question ID : 6549789043  
Status : Answered  
Chosen Option : 3

Q.21 भारत के किस राज्य में फसली भूमि (crop land) का सर्वाधिक प्रतिशत सिंचाई के अधीन है?

- Ans
- 1. तमिलनाडु
  - 2. गुजरात
  - 3. पंजाब
  - 4. कर्नाटक

Question ID : 6549789037  
Status : Answered  
Chosen Option : 3

Q.22 भारतीय संविधान के किस अनुच्छेद के अनुसार, कोई व्यक्ति संसद की किसी सीट को भरने के लिए चुने जाने के लिए तब तक अर्हित नहीं होगा, जब तक कि वह भारत का नागरिक न हो?

- Ans
- 1. अनुच्छेद 76
  - 2. अनुच्छेद 84
  - 3. अनुच्छेद 61
  - 4. अनुच्छेद 52

Question ID : 6549789046  
Status : Answered  
Chosen Option : 2

Q.23 Which of the following banks was declared as the 'Safest Bank in Asia' for the 12th consecutive year by New York-based trade publication 'Global Finance' in 2020?

- Ans
- 1. DBS
  - 2. ICBC
  - 3. ICICI
  - 4. HSBC

Question ID : 6549786810  
Status : Answered  
Chosen Option : 3

Q.24 To which group of organic molecules does 'Monosaccharides' belong?

- Ans
- 1. Lipids
  - 2. Nucleic acids
  - 3. Carbohydrates
  - 4. Proteins

Question ID : 6549789036  
Status : Answered  
Chosen Option : 3

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Q.25 Who among the following won the 2002 International Shooting Sport Federation (ISSF) Champion of Champions combined-air-rifle event to become the first Indian to win that competition?

- Ans  1. Anjali Bhagwat  
 2. Manu Bhaker  
 3. Rahi Sarnobat  
 4. Anisa Sayyed

Question ID : 6549789048  
Status : Answered  
Chosen Option : 1

