

# Combined Higher Secondary Level (10+2) Examination-2018

Roll No.	www Join Youtube Channel
Registration No.	edoin Youtube Channels .
Name	
Test Venue	
Test Time	1:00 PM - 2:00 PM
Test Date	10/07/2019

## Section : General Intelligence

**Q.1** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(15, 49, 151)

- Ans
- ☒ 1. (6, 18, 37)
  - ☒ 2. (17, 55, 155)
  - ☒ 3. (25, 79, 137)
  - ☒ 4. (5, 19, 61)

Question ID : 98958017071

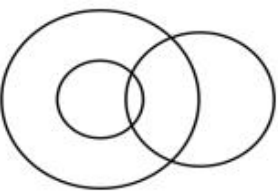
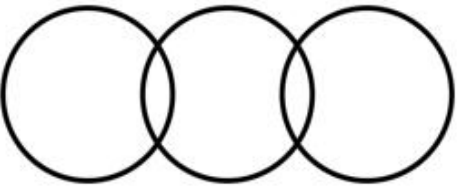
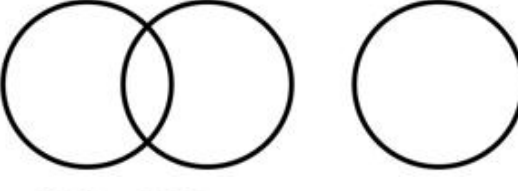

Status : Answered

Chosen Option : 2

**Q.2** Select the Venn diagram that best illustrates the relationship between the following classes.

Flowers, Roses, Yellow

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 98958017080

Status : Answered

Q.3 Which letter-pair will replace the question mark (?) in the following series?

HE, ?, NK, TQ, BY

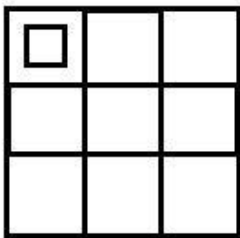
- Ans
- ☒ 1. IK
  - ☒ 2. JG
  - ☒ 3. JH
  - ☒ 4. IG

Question ID : 98958017061

Status : Answered

Chosen Option : 3

Q.4 How many squares are present in the following figure?



- Ans
- ☒ 1. 16
  - ☒ 2. 10
  - ☒ 3. 15
  - ☒ 4. 12

Question ID : 98958017076

Status : Answered

Chosen Option : 1

Q.5 Arrange the following words in a logical sequence as they would appear in the English dictionary.

1. Jacklight
2. Jacket
3. Jade
4. Joker
5. Jampacked

- Ans
- ☒ 1. 2, 1, 3, 5, 4
  - ☒ 2. 3, 1, 2, 5, 4
  - ☒ 3. 1, 2, 3, 4, 5
  - ☒ 4. 2, 3, 1, 4, 5

Question ID : 98958017056

Status : Answered

Chosen Option : 1

Q.6 In a code language, ROCKET is written as TEKROC. How will DRIVER be written as in that language?

- Ans
- ☒ 1. REVTRI

 2. RFVDRI

 3. REVDRJ

 4. REUDRI

Question ID : 98958017057


Status : Answered

Chosen Option : 1

Q.7 S is son of M. R is the father of Q and A. A is the daughter of M. How is A related to S?

Ans  1. Aunt

 2. Mother

 3. Daughter

 4. Sister

Question ID : 98958017062

Status : Answered

Chosen Option : 3

Q.8 Select the option that is related to the third letter-pair in the same way as the second letter-pair is related to the first letter-pair.

GI : KN :: PQ : ?

Ans  1. TV

 2. TX

 3. VT

 4. UV

Question ID : 98958017059

Status : Answered

Chosen Option : 4

Q.9 Three 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 hens are eggs.

No birds are eggs.

All eggs are lions.

Conclusions:

I. All hens are lions.

II. Some lions are hens.

III. No eggs are birds.

Ans  1. Either conclusion II or III follows.

 2. Only conclusion I follows.

 3. All the conclusions follow.

 4. Only conclusions I and II follow.

Question ID : 98958017066

Status : Answered

Chosen Option : 1

Q.10 Three of the following four numbers are alike in a certain way and one is different. Pick the

number that is different from the rest.

- Ans
- ☒ 1. 459
  - ☒ 2. 259
  - ☒ 3. 639
  - ☒ 4. 189

Question ID : 98958017073

Status : Answered

Chosen Option : 4

Q.11 If EAST is coded as 180 and NORTH is coded as 375, then how will SOUTH be coded as?

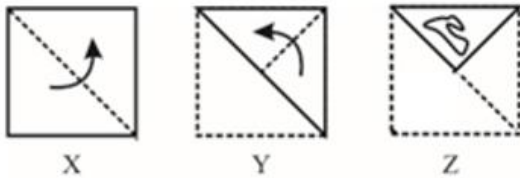
- Ans
- ☒ 1. 625
  - ☒ 2. 415
  - ☒ 3. 83
  - ☒ 4. 332

Question ID : 98958017058

Status : Answered

Chosen Option : 1

Q.12 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 98958017078

Status : Answered

Q.13 If it was a Sunday on 1 January 2017, what was the day of the week on 31 December 2017?

- Ans
- ☒ 1. Tuesday
  - ☒ 2. Monday
  - ☒ 3. Sunday
  - ☒ 4. Friday

Question ID : 98958017067

Status : Answered

Chosen Option : 2

Q.14 Select the correct mirror image of the given figure when the mirror is placed to the left of the figure.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 98958017079

Status : Answered

Chosen Option : 4

Q.15 Select the option in which the given figure (X) is embedded (rotation not allowed).



Ans

- ☒ 1.

✗ 2.



✗ 3.



✓ 4.



Question ID : 98958017077

Status : Answered

Chosen Option : 4

Q.16 Which two signs should be interchanged in the following equation to make it correct?

$$35 + 7 - 5 \times 2 \div 25 = 20$$

Ans ✗ 1.  $\times$  and  $\div$

✗ 2.  $+$  and  $-$

✓ 3.  $+$  and  $\div$

✗ 4.  $\times$  and  $-$

Question ID : 98958017068

Status : Answered

Chosen Option : 3

Q.17 Which number will replace the question mark (?) in the following series?

12, 22, 42, 72, ?

Ans ✗ 1. 102

✗ 2. 92

✗ 3. 122

✓ 4. 112

Question ID : 98958017072

Status : Answered

Chosen Option : 1

Q.18 Three of the following four letter-clusters are alike in a certain way and one is different.  
Pick the odd one out.

Ans ✓ 1. DGL

✗ 2. BFJ

✗ 3. KOS

✗ 4. MQU

Question ID : 98958017064

Status : Answered

Chosen Option : 4

Q.19 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

8 : 72

- Ans ☒ 1. 11 : 132  
☐ 2. 15 : 625  
☐ 3. 13 : 156  
☐ 4. 12 : 144

Question ID : 98958017069

Status : Answered

Chosen Option : 4

Q.20 'HONEY' is related to 'BEE' in the same way as 'EGG' is related to '\_\_\_\_\_'.

- Ans ☐ 1. YOLK  
☐ 2. LARVA  
☐ 3. OOLOGY  
☒ 4. BIRD

Question ID : 98958017060

Status : Answered

Chosen Option : 4

Q.21 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(16, 64, 320)

- Ans ☐ 1. (15, 60, 310)  
☐ 2. (15, 45, 180)  
☒ 3. (10, 40, 200)  
☐ 4. (25, 75, 125)

Question ID : 98958017070

Status : Answered

Chosen Option : 1

Q.22 Three of the following four words are alike in a certain way and one is different.  
Pick the odd word out.

- Ans ☐ 1. Blackboard  
☒ 2. Stationery  
☐ 3. Duster  
☐ 4. Chalk

Question ID : 98958017065

Status : Answered

Chosen Option : 2

Q.23 Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Mumbai : Capital

- Ans ☐ 1. Hill : High

☒ 2. Newyork : China

☒ 3. Delhi : Tajmahal

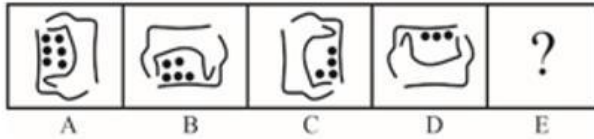
☒ 4. Yen : Currency

Question ID : 98958017063

Status : Answered

Chosen Option : 4

Q.24 Select the Answer Fig. that will come next in the following Problem Fig. series.



Ans

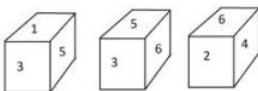


Question ID : 98958017075

Status : Answered

Chosen Option : 1

Q.25 Three different positions of a dice are shown below. Which number appears on the face opposite the number 6?



Ans

☒ 1. 1

☒ 2. 4

☒ 3. 3

☒ 4. 5

Question ID : 98958017074

Status : Answered

Chosen Option : 2



**Q.1** In the Interim Budget of 2019, the Union Government launched a minimum assured pension scheme for those working in the unorganised sector, after they attain the age of 60. The scheme has been named as the Pradhan Mantri \_\_\_\_\_.

- Ans
- ☒ 1. Suraksha Vima Yojan
  - ☒ 2. Shram Yogi Maan-dhan Yojana
  - ☒ 3. Jeevan Jyoti Bima Yojana
  - ☒ 4. Vishwakarma Shram Samman Yojana

Question ID : 98958017508  
Status : Answered  
Chosen Option : 2

**Q.2** Which of the following articles of Indian Constitution provides for the appointment of a Finance Commission?

- Ans
- ☒ 1. Article 300
  - ☒ 2. Article 290
  - ☒ 3. Article 320
  - ☒ 4. Article 280

Question ID : 98958017523  
Status : Answered  
Chosen Option : 3

**Q.3** Ultrasonic sounds are the sounds which have frequencies?

- Ans
- ☒ 1. higher than 40 kHz
  - ☒ 2. higher than 20 kHz
  - ☒ 3. higher than 50 kHz
  - ☒ 4. higher than 30 kHz

Question ID : 98958017512  
Status : Answered  
Chosen Option : 4

**Q.4** The book 'Target 3 Billion' is written by \_\_\_\_\_.

- Ans
- ☒ 1. Pranab Mukherjee
  - ☒ 2. Shankar Dayal Sharma
  - ☒ 3. A.P.J Abdul Kalam
  - ☒ 4. Ram Nath Kovind

Question ID : 98958017522  
Status : Answered  
Chosen Option : 4





**Q.5** Which of the following is a landlocked country?

- Ans
- ☒ 1. Turkey
  - ☒ 2. Eritrea
  - ☒ 3. Mongolia

 4. Syria

Question ID : 98958017518  
Status : Answered  
Chosen Option : 1

Q.6 The lens-type commonly used for correcting presbyopia is \_\_\_\_.

- Ans  1. bifocal lens  
 2. cylindrical lens  
 3. convex lens  
 4. concave lens

Question ID : 98958017511  
Status : Answered  
Chosen Option : 4

Q.7 National Viral Hepatitis Control Program (NVHCP) aims to achieve country wide elimination of Hepatitis C by \_\_\_\_.

- Ans  1. 2025  
 2. 2028  
 3. 2030  
 4. 2022

Question ID : 98958017529  
Status : Answered  
Chosen Option : 1

Q.8 The famous Kandariya temple is located at:

- Ans  1. Khajurao  
 2. Vidisha  
 3. Hampi  
 4. Gangaikondacholapuram

Question ID : 98958017506  
Status : Answered  
Chosen Option : 4

Q.9 \_\_\_\_\_ is one of the liquids commonly used in liquid-in-glass thermometers.

- Ans  1. Liquid nitrogen  
 2. Alcohol  
 3. Water  
 4. Liquid hydrogen

Question ID : 98958017510  
Status : Answered  
Chosen Option : 3

Q.10 The IAAF Male Athlete of the Year Award has been won by Usain Bolt \_\_\_\_\_ time(s).

- Ans  1. one

 2. five

 3. six

 4. two


Question ID : 98958017525

Status : Answered

Chosen Option : 1

Q.11 Which of the following regions has earned Geographical Indication for its oranges?

Ans  1. Meerut

 2. Faizabad

 3. Coorg

 4. Wayanad

Question ID : 98958017507

Status : Answered

Chosen Option : 4

Q.12 On any issue pertaining to the disqualification of any member of Lok Sabha under 10th Schedule of Indian constitution, the final decision is taken by \_\_\_\_.

Ans  1. Speaker, Lok Sabha

 2. Vice-President of India

 3. President of India

 4. Election Commission of India

Question ID : 98958017524

Status : Answered

Chosen Option : 3

Q.13 As per the Census 2011, which of the following states/union territories claimed second rank in terms of literacy rate?

Ans  1. Lakshdweep

 2. Mizoram

 3. Goa

 4. Puducherry

Question ID : 98958017517

Status : Answered

Chosen Option : 3

Q.14 In 19th century, the Satnami movement in central India was founded by \_\_\_\_.

Ans  1. Haridas Thakur

 2. Keshab Chander Sen

 3. Narayan Guru

 4. Guru Ghasidas

Question ID : 98958017519

Status : Answered

Chosen Option : 2

Q.15 Which of the following cities hosted an international summit which adopted a declaration on digital health?

- Ans
- ☐ 1. Paris
  - ☐ 2. Dhaka
  - ☒ 3. Delhi
  - ☐ 4. Toronto

Question ID : 98958017528  
Status : Answered  
Chosen Option : 1

Q.16 Badhti ka naam zindagi' is the tagline of which of the following banks?

- Ans
- ☐ 1. Syndicate
  - ☒ 2. Axis
  - ☐ 3. Corporation
  - ☐ 4. Indian

Question ID : 98958017509  
Status : Answered  
Chosen Option : 2

Q.17 In the context of the Mughals, which of the following statements is NOT correct?

- Ans
- ☒ 1. The Mughal court chronicles describe them as the descendents of a legendary Iranian king Afrasiyab.
  - ☐ 2. Babur was pushed out of his homeland Farghana by Uzbeks.
  - ☐ 3. Babur was related to Ghenghis Khan from his mother's side.
  - ☐ 4. They were the descendants of Taimur on the paternal side.

Question ID : 98958017520  
Status : Answered  
Chosen Option : 3

Q.18 The book titled 'Every Vote Counts - The Story of India's Elections' was written by \_\_\_\_.

- Ans
- ☐ 1. JM Lyngdoh.
  - ☐ 2. Hamid Ansari
  - ☐ 3. SY Qureshi
  - ☒ 4. Navin Chawla

Question ID : 98958017521  
Status : Answered  
Chosen Option : 2

Q.19 In the context of agriculture, the term 'barani' refers to \_\_\_\_.

- Ans
- ☐ 1. dry farming
  - ☒ 2. rainfed farming
  - ☐ 3. mixed farming
  - ☐ 4. irrigated farming

Question ID : 98958017515

Status : Answered

Chosen Option : 1

Q.20 Which of the following cities has recently included Hindi as third official court language?

- Ans
- ☐ 1. Ajman
  - ☒ 2. Abu Dhabi
  - ☐ 3. Sharjah
  - ☐ 4. Dubai

Question ID : 98958017530

Status : Answered

Chosen Option : 2

Q.21 In the context of a word document, the term gutter stands for \_\_\_\_.

- Ans
- ☐ 1. the space left on the left side for rough work
  - ☒ 2. the space left on one side for stitching and binding
  - ☐ 3. the blank page inserted in between two filled pages
  - ☐ 4. the space between two paragraphs

Question ID : 98958017514

Status : Answered

Chosen Option : 4

Q.22 Which of the following cities hosted the Special Olympics World Games 2019?

- Ans
- ☐ 1. Istanbul
  - ☒ 2. Abu Dhabi
  - ☐ 3. Seattle
  - ☐ 4. London

Question ID : 98958017526

Status : Answered

Chosen Option : 4

Q.23 Pradeep Kumar Banerjee, who bagged the ESPN Multi-Sports Award for Lifetime Achievement, is related to \_\_\_\_.

- Ans
- ☐ 1. shooting
  - ☒ 2. football
  - ☐ 3. hockey
  - ☐ 4. archery

Question ID : 98958017527

Status : Answered

Chosen Option : 1

Q.24 In the domain names, the expression .au stands for \_\_\_\_.

- Ans
- ☐ 1. Antigua
  - ☐ 2. Austria
  - ☐ 3. African Union

✓ 4. Australia

Question ID : 98958017513  
Status : Answered  
Chosen Option : 3

Q.25 \_\_\_\_\_ is the only active volcano in South Asia.

- Ans
- ✗ 1. Dhinodhar Hills
  - ✗ 2. Tosham Hills
  - ✓ 3. Barren Island
  - ✗ 4. Narcondam Island

Question ID : 98958017516  
Status : Answered  
Chosen Option : 4

Section : Quantitative Aptitude

Q.1 If  $a + \frac{1}{a} = 3$ , then the value of  $(a^6 + \frac{1}{a^6})$  is equal to:

- Ans
- ✗ 1. 319
  - ✓ 2. 322
  - ✗ 3. 780
  - ✗ 4. 730

Question ID : 98958017617  
Status : Answered  
Chosen Option : 2

Q.2 The simplified value of

$$\frac{1}{2} \text{ of } \frac{8}{5} \div \left\{ 2\frac{1}{5} - \left( \frac{5}{16} + \frac{3}{5} \times 1\frac{7}{8} \div \frac{2}{3} \right) \right\} \text{ is:}$$

- Ans
- ✗ 1. 1
  - ✗ 2.  $\frac{2}{5}$
  - ✗ 3.  $\frac{1}{5}$
  - ✓ 4. 4

Question ID : 98958017616  
Status : Answered  
Chosen Option : 1

Q.3 Equilateral triangles are drawn on the hypotenuse and one of the perpendicular sides of a right-angled isosceles triangles. Their areas are H and A respectively.  $\frac{A}{H}$  is equal to:

- Ans
- ✗ 1.  $\frac{1}{4}$
  - ✓ 2.  $\frac{1}{2}$

✗ 3.  $\frac{1}{\sqrt{2}}$

✗ 4.  $\frac{1}{\sqrt[2]{2}}$

Question ID : 98958017623

Status : Answered

Chosen Option : 1

Q.4 What is the simplified value of

$$\frac{\sin^3 21^\circ + \cos^3 19^\circ}{\sin 21^\circ + \cos 19^\circ} + \sin^2 69^\circ + \cos^2 71^\circ + \frac{1}{\sec 69^\circ \operatorname{cosec} 71^\circ} \text{ is:}$$

Ans ✗ 1. 3

✗ 2. 1

✗ 3. 4

✓ 4. 2

Question ID : 98958017625

Status : Answered

Chosen Option : 3

Q.5 If 40 men working 12 hours a day can complete a work in 8 days, then how many men working 4 hours a day can complete the same work in 16 days?

Ans ✗ 1. 50

✓ 2. 60

✗ 3. 54

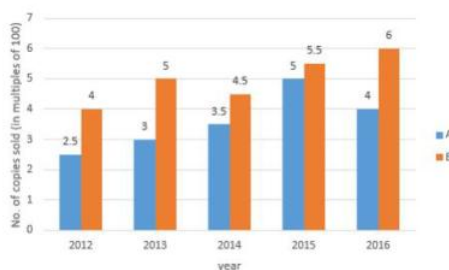
✗ 4. 45

Question ID : 98958017606

Status : Not Answered

Chosen Option : --

Q.6 A book has been co-authored by X and Y. The prices of the book in India and abroad are ₹800 and ₹1000 respectively. The royalties earned on sale in India and abroad are 10% and 16% respectively. The royalty amount is distributed among X and Y in the ratio 5 : 3. The given Bar Graph presents the number of copies of the book sold in India (A) and abroad (B) during 2012-16.



What is the ratio of royalties earned in the following cases – By X for sale of books in India in 2013 and 2014 and By Y for sale of books abroad in 2015 and 2016?

Ans ✗ 1. 62 : 117

✗ 2. 63 : 130

✓ 3. 65 : 138

✗ 4. 64 : 135

Question ID : 98958017630

Status : **Not Answered**

Chosen Option : --

**Q.7** The price of sugar got raised by 25%. To maintain the same level of expenses on sugar, a person reduced the consumption of sugar by 4% and also increased his expenditure on sugar by  $x\%$ . The value of  $x$  is:

**Ans** ✗ 1. 19.5

✗ 2. 21

✓ 3. 20

✗ 4. 18.75

Question ID : 98958017611

Status : **Not Answered**

Chosen Option : --

**Q.8** By selling an article for ₹144, a shopkeeper loses 28%. What should be the selling price for bringing down the loss to 14%?

**Ans** ✗ 1. ₹156

✗ 2. ₹182

✓ 3. ₹172

✗ 4. ₹180

Question ID : 98958017612

Status : **Not Answered**

Chosen Option : --

**Q.9** Twelve sticks, each of length 1 unit, are used to form a right-angled triangle. The area of the triangle is:

**Ans** ✗ 1. 4 sq units

✓ 2. 6 sq units

✗ 3. 8 sq units

✗ 4. 10 sq units

Question ID : 98958017608

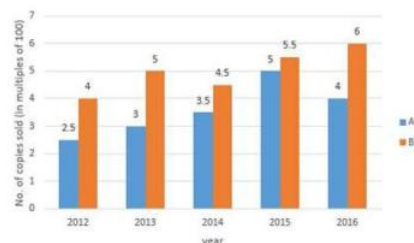
Status : **Answered**

Chosen Option : 2

**Q.10**



A book has been co-authored by X and Y. The prices of the book in India and abroad are ₹800 and ₹1000 respectively. The royalties earned on sale in India and abroad are 10% and 16% respectively. The royalty amount is distributed among X and Y in the ratio 5 : 3. The given Bar Graph presents the number of copies of the book sold in India (A) and abroad (B) during 2012-16.



What is the total amount of royalty paid (in ₹) to the authors during the years 2012, 2013 and 2016?

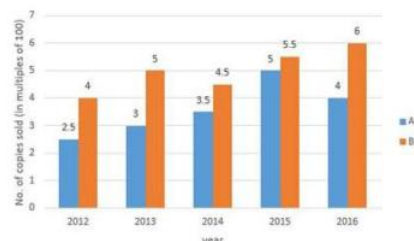
- Ans ☒ 1. 3,16,000  
☒ 2. 2,73,400  
☒ 3. 2,72,000  
☒ 4. 2,71,600

Question ID : 98958017628

Status : Not Answered

Chosen Option : --

**Q.11** A book has been co-authored by X and Y. The prices of the book in India and abroad are ₹800 and ₹1000 respectively. The royalties earned on sale in India and abroad are 10% and 16% respectively. The royalty amount is distributed among X and Y in the ratio 5 : 3. The given Bar Graph presents the number of copies of the book sold in India (A) and abroad (B) during 2012-16.



What is the total number of the copies of the book sold in India during 2012-2015?

- Ans ☒ 1. 2000  
☒ 2. 1600  
☒ 3. 1800  
☒ 4. 1400

Question ID : 98958017627

Status : Not Answered

Chosen Option : --

**Q.12** If,  $a^{\frac{1}{3}} + b^{\frac{1}{3}} + c^{\frac{1}{3}} = 0$ , then  $(a + b + c)^6$  is equal to:

- Ans ☒ 1.  $81 abc$   
☒ 2.  $729 a^2 b^2 c^2$   
☒ 3.  $729 abc$   
☒ 4.  $81 a^2 b^2 c^2$

Question ID : 98958017619

Status : Answered

Chosen Option : 4

**Q.13** ₹10,000/- has to be distributed among 3 craftsmen, 5 helpers and 6 labourers such that each helper receives the amount twice as much as a labourer receives and each craftsman receives the amount thrice as much as a labourer receives. What is the amount received by the three craftsmen?

- Ans
- ☒ 1. ₹2,400
  - ☒ 2. ₹4,000
  - ☒ 3. ₹3,600
  - ☒ 4. ₹2,700

Question ID : 98958017613

Status : Not Answered

Chosen Option : --

**Q.14** It is given that the area of a triangle is A. The values of its perimeter, inradius, circumradius and the average of the lengths of the medians are respectively, p, r, R and d. The ratio A : p is equal to:

- Ans
- ☒ 1.  $(R + r)^2 : d$
  - ☒ 2.  $r : 2$
  - ☒ 3.  $r : 1$
  - ☒ 4.  $(R - r)^2 : r$

Question ID : 98958017622

Status : Not Answered

Chosen Option : --

**Q.15** A borrows a sum of ₹2,000 from his friend B on 31 December 2011 on the condition that he will return the same after one year with simple interest at 8% per annum. However, A gets into a position of returning the money on 1 July 2012. How much amount he has to return to B?

- Ans
- ☒ 1. ₹2,200
  - ☒ 2. ₹2,080
  - ☒ 3. ₹2,088
  - ☒ 4. ₹2,070

Question ID : 98958017614

Status : Not Answered

Chosen Option : --

**Q.16** Fill in the blank.

The average of first 101 \_\_\_\_\_ numbers is equal to 102.

- Ans
- ☒ 1. natural
  - ☒ 2. odd
  - ☒ 3. even
  - ☒ 4. perfect square

Question ID : 98958017609

Status : Answered

Chosen Option : 2

**Q.17** Two circles of diameters 2 cm and 5.6 cm are such that the distance between their centres is 8.2 cm. What is the length of a common tangent to the circles that does not intersect the line joining the centres?

- Ans
- ☒ 1. 8.4 cm
  - ☒ 2. 7.2 cm
  - ☒ 3. 8 cm
  - ☒ 4. 6.4 cm

Question ID : 98958017621

Status : Not Answered

Chosen Option : --

**Q.18** Which among the following numbers is exactly divisible by 11, 13 and 7?

- (a) 624613
- (b) 624624
- (c) 624635
- (d) 624646

- Ans
- ☒ 1. (a)
  - ☒ 2. (b)
  - ☒ 3. (c)
  - ☒ 4. (d)

Question ID : 98958017615

Status : Not Answered

Chosen Option : --

**Q.19** ABCDEFGH is a regular octagon inscribed in a circle with centre at O. The ratio of  $\angle OAB$  to  $\angle AOB$  is equal to:

- Ans
- ☒ 1. 8 : 3
  - ☒ 2. 3 : 2
  - ☒ 3. 4 : 3
  - ☒ 4. 3 : 1

Question ID : 98958017620

Status : Not Answered

Chosen Option : --





**Q.20** A shopkeeper normally allows a discount of 10% on the marked price of each article. During a sale season, he decides to give two more discounts, the first being at a rate of 50% of the original and the second at a rate of 40% of the first. What is the percentage rate of the equivalent single discount (correct up to two decimal places)?

- Ans
- ☒ 1. 11.25
  - ☒ 2. 16.21
  - ☒ 3. 14.85
  - ☒ 4. 13.27

Question ID : 98958017610

Q.21 Which among the following is an irrational quantity?




- (a)  $\tan 30^\circ \tan 60^\circ$
- (b)  $\sin 30^\circ$
- (c)  $\tan 45^\circ$
- (d)  $\cos 30^\circ$

Ans  1. (b)  
 2. (a)  
 3. (c)  
 4. (d)

Question ID : **98958017624**  
Status : **Answered**  
Chosen Option : 2

Q.22 If  $a + b - c = 12$  and  $a^2 + b^2 + c^2 = 110$ , then which among the following relations is true?

- (p)  $ab + bc + ca = 34$ ,
- (q)  $ab + bc - ca = 17$
- (r)  $ab - bc + ca = 17$ ,
- (s)  $ab - bc - ca = 17$

Ans  1. (r)  
 2. (q)  
 3. (p)  
 4. (s)

Question ID : **98958017618**  
Status : **Answered**  
Chosen Option : 3

Q.23 Given that the lengths of the paths of a ball thrown with different speeds by two boys are the same, if they take 0.6 seconds and 1 second respectively to cover the said length, what is the average speed of travel for the first throw, if the same for the second is 96 km/h?

Ans  1. 100 km/h  
 2. 150 km/h  
 3. 160 km/h  
 4. 200 km/h

Question ID : **98958017607**  
Status : **Not Answered**  
Chosen Option : --

Q.24  $\theta$  being an acute angle, it is given that  $\sec^2 \theta + 4 \tan^2 \theta = 6$ . What is the value of  $\theta$ ?

Ans  1.  $45^\circ$

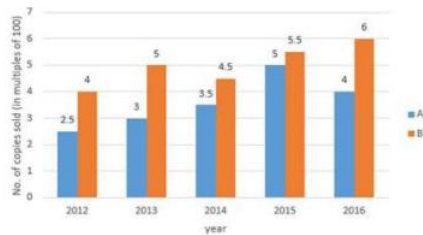
- ☒ 2.  $0^\circ$
- ☒ 3.  $30^\circ$
- ☒ 4.  $60^\circ$

Question ID : 98958017626

Status : Answered

Chosen Option : 1

**Q.25** A book has been co-authored by X and Y. The prices of the book in India and abroad are ₹800 and ₹1000 respectively. The royalties earned on sale in India and abroad are 10% and 16% respectively. The royalty amount is distributed among X and Y in the ratio 5 : 3. The given Bar Graph presents the number of copies of the book sold in India (A) and abroad (B) during 2012-16.



What is the difference between the royalties earned by X and Y (in ₹) during the years 2014 and 2015 taken together?

- Ans** ☒ 1. 41,340
- ☒ 2. 41,250
- ☒ 3. 57,550
- ☒ 4. 57,000

Question ID : 98958017629

Status : Not Answered

Chosen Option : --

Section : English Language

**Q.1** Select the correctly spelt word.

- Ans** ☒ 1. commemorate
- ☒ 2. comemorate
- ☒ 3. commemorate
- ☒ 4. commemorate

Question ID : 98958016752

Status : Answered

Chosen Option : 3

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

**RADIANCE**

- Ans** ☒ 1. depth
- ☒ 2. dryness
- ☒ 3. sparkle
- ☒ 4. redness

Question ID : 98958016744

Status : Answered

Chosen Option : 4

Q.3 Select the wrongly spelt word.

- Ans
- ☒ 1. fomentation
  - ☒ 2. bureaurecy
  - ☒ 3. plateau
  - ☒ 4. horizontal

Question ID : 98958016753

Status : Answered

Chosen Option : 4

Q.4 Select the correct passive form of the given sentence.

His mother gave him a note for his teacher.

- Ans
- ☒ 1. He had been given a note for his teacher by his mother.
  - ☒ 2. He is given a note for his teacher by his mother.
  - ☒ 3. He was given a note for his teacher by his mother.
  - ☒ 4. His teacher was given a note for his mother.

Question ID : 98958016732

Status : Answered

Chosen Option : 3

Q.5 Select the most appropriate antonym of the given word.

RANDOM

- Ans
- ☒ 1. formal
  - ☒ 2. specific
  - ☒ 3. irregular
  - ☒ 4. casual

Question ID : 98958016747

Status : Answered

Chosen Option : 3

Q.6 Select the most appropriate synonym of the given word.

RECAPITULATION

- Ans
- ☒ 1. summary
  - ☒ 2. movement
  - ☒ 3. prominence
  - ☒ 4. readiness

Question ID : 98958016745

Status : Answered

Chosen Option : 2

Q.7 Select the most appropriate word to fill in the blank

The \_\_\_\_\_ of ancient scientists often made up for the lack of proper equipment.

- Ans
- ☒ 1. anxiety
  - ☒ 2. creation
  - ☒ 3. dedication
  - ☒ 4. concern

Question ID : 98958016754

Status : Answered

Chosen Option : 1

Q.8 Identify the segment in the sentence which contains the grammatical error.

Deepak said he would pack few things he had and vacate the hostel room the next day.

- Ans
- ☒ 1. the next day
  - ☒ 2. Deepak said he would pack
  - ☒ 3. pack few things he had
  - ☒ 4. and vacate the hostel room

Question ID : 98958016731

Status : Answered

Chosen Option : 3

Q.9 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. Today, he is popular for creating scaled-down models of automobiles that are not just showpieces but are working toys.
- B. "I used to ride it during playtime in the evenings as a five-year old," recalls Arun Kumar.
- C. As a kid I used to pester my parents for toy cars but my carpenter father often couldn't afford them.
- D. Then, one day he got an old tricycle from the junkyard, made three wooden wheels and fitted them to the cycle.

- Ans
- ☒ 1. ACDB
  - ☒ 2. CDBA
  - ☒ 3. CADB
  - ☒ 4. BCDA

Question ID : 98958016743

Status : Answered

Chosen Option : 2

Q.10 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. As man's intelligence grew so did his power.
- B. This intelligence made him cleverer and stronger than enormous animals which would otherwise have destroyed him.
- C. The chief difference between man and the other animals was the intelligence of man.
- D. Combining intelligence with power, man developed weapons to fight his enemies.

- Ans
- ☒ 1. DABC
  - ☒ 2. CBAD
  - ☒ 3. ACDB
  - ☒ 4. BCDA

Question ID : 98958016742

Status : **Answered**  
Chosen Option : 2

Q.11 Select the most appropriate word to fill in the blank

The Board of Directors of the pharma company has approved the \_\_\_\_\_ of investment limits in its wholly- owned subsidiary.

- Ans
- ☒ 1. entrenchment
  - ☒ 2. enchantment
  - ☒ 3. enforcement
  - ☒ 4. enhancement

Question ID : 98958016755  
Status : **Answered**  
Chosen Option : 3

Q.12 Select the most appropriate antonym of the given word.

SHALLOW

- Ans
- ☒ 1. deep
  - ☒ 2. narrow
  - ☒ 3. crooked
  - ☒ 4. slight

Question ID : 98958016746  
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.

The pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1) \_\_\_\_\_ than 190 bird species (2) \_\_\_\_\_ been identified and this is one of the best (3) \_\_\_\_\_ in the state for bird-watchers to (4) \_\_\_\_\_. In fact, we can spot (5) \_\_\_\_\_ 80 species of birds in a single day.

**SubQuestion No : 13**

Q.13 Select the most appropriate option to fill in blank No.1.

- Ans
- ☒ 1. most
  - ☒ 2. more
  - ☒ 3. many
  - ☒ 4. much

Question ID : 98958016737  
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.

The pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1) \_\_\_\_\_ than 190 bird species (2) \_\_\_\_\_ been identified and this is one of the best (3) \_\_\_\_\_ in the state for bird-watchers to (4) \_\_\_\_\_. In fact, we can spot (5) \_\_\_\_\_ 80 species of birds in a single day.



**SubQuestion No : 14**

**Q.14 Select the most appropriate option to fill in blank No.2.**

- Ans
- ☒ 1. is
  - ☒ 2. has
  - ☒ 3. are
  - ☒ 4. have

Question ID : 98958016738

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.

The pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1) \_\_\_\_\_ than 190 bird species (2) \_\_\_\_\_ been identified and this is one of the best (3) \_\_\_\_\_ in the state for bird-watchers to (4) \_\_\_\_\_. In fact, we can spot (5) \_\_\_\_\_ 80 species of birds in a single day.

**SubQuestion No : 15**

**Q.15 Select the most appropriate option to fill in blank No.3.**

- Ans
- ☒ 1. place
  - ☒ 2. lake
  - ☒ 3. places
  - ☒ 4. sanctuary

Question ID : 98958016739

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.

The pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1) \_\_\_\_\_ than 190 bird species (2) \_\_\_\_\_ been identified and this is one of the best (3) \_\_\_\_\_ in the state for bird-watchers to (4) \_\_\_\_\_. In fact, we can spot (5) \_\_\_\_\_ 80 species of birds in a single day.

**SubQuestion No : 16**

**Q.16 Select the most appropriate option to fill in blank No.4.**

- Ans
- ☒ 1. visiting
  - ☒ 2. visits
  - ☒ 3. visited
  - ☒ 4. visit

Question ID : 98958016740

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.

The pattern of birds flocking to Pakhal lake has been observed over several years. So far, (1) \_\_\_\_\_ than 190 bird species (2) \_\_\_\_\_ been identified and this is one of the best (3) \_\_\_\_\_ in

the state for bird-watchers to (4) \_\_\_\_\_. In fact, we can spot (5) \_\_\_\_\_ 80 species of birds in a single day.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank No.5.

- Ans
- ☒ 1. between
  - ☒ 2. around
  - ☒ 3. any
  - ☒ 4. near

Question ID : 98958016741

Status : Answered

Chosen Option : 2

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement.

Durga is now the Executive Vice- President of the company with a responsibility to marketing for the entire northern zone.

- Ans
- ☒ 1. with the responsibility of marketing
  - ☒ 2. No improvement
  - ☒ 3. with a responsibility by marketing
  - ☒ 4. with responsibility from marketing

Question ID : 98958016735

Status : Answered

Chosen Option : 4

Q.19 Select the most appropriate word for the given group of words.

A person or thing that has the same name as another

- Ans
- ☒ 1. pseudonym
  - ☒ 2. namesake
  - ☒ 3. relative
  - ☒ 4. successor

Question ID : 98958016750

Status : Answered

Chosen Option : 2

Q.20 Identify the segment in the sentence which contains the grammatical error.

Even Sharat tried his best, he could not clear all the examination papers in one attempt.

- Ans
- ☒ 1. he could not clear
  - ☒ 2. Even Sharat tried his best
  - ☒ 3. all the examination papers
  - ☒ 4. in one attempt

Question ID : 98958016730

Status : Answered

Chosen Option : 4

Q.21 Select the most appropriate option to substitute the underlined segment in the given

sentence. If there is no need to substitute it, select No improvement.

"I'm afraid I must left now," said the guest after the inaugural function was over.

- Ans
- ☒ 1. I'm afraid I has to be leaving now
  - ☒ 2. I'm afraid I can left now
  - ☒ 3. No improvement
  - ☒ 4. I'm afraid I must leave now

Question ID : 98958016734

Status : Answered

Chosen Option : 4

Q.22 Select the most appropriate meaning of the given idiom

put your best foot forward

- Ans
- ☒ 1. take care to dress well
  - ☒ 2. walk very cautiously
  - ☒ 3. try as hard as one can
  - ☒ 4. check every step

Question ID : 98958016749

Status : Answered

Chosen Option : 3

Q.23 Select the most appropriate word for the given group of words.

Able to adapt to many different functions or activities

- Ans
- ☒ 1. expert
  - ☒ 2. versatile
  - ☒ 3. surrogate
  - ☒ 4. deputy

Question ID : 98958016751

Status : Answered

Chosen Option : 1

Q.24 Select the most appropriate meaning of the given idiom

at snail's pace

- Ans
- ☒ 1. do something very carefully
  - ☒ 2. be very persistent
  - ☒ 3. do something very slowly
  - ☒ 4. keep your moves secret

Question ID : 98958016748


Status : Answered


Chosen Option : 1

Q.25 Select the correct indirect form of the given sentence.

"Don't park here," the policeman said to them.

- Ans
- ☒ 1. The policeman ordered them not to park here.

 2. The policeman said to them not to park here.

 3. Don't park here he said to the policeman.

 4. The policeman ordered them not to park there.

Question ID : **98958016733**

Status : **Answered**

Chosen Option : **1**