

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

Roll No.	
Registration No.	
Name	
Test Venue	iON Digital Zone iDZ Sector 34
Test Time	4:00 PM - 5:00 PM
Test Date	11/07/2019

Section : General Intelligence

Q.1 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.

20 : 30

- Ans
- ☒ 1. 12 : 23
  - ☒ 2. 6 : 14
  - ☒ 3. 30 : 42
  - ☒ 4. 16 : 36

Question ID : 98958018016

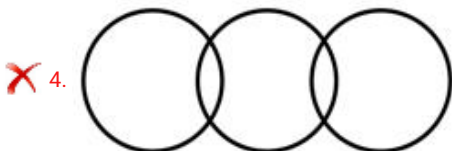
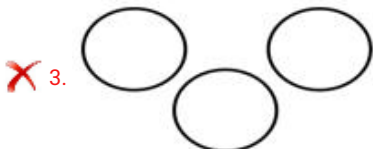
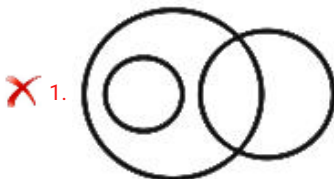
Status : Not Attempted and  
Marked For Review

Chosen Option : -

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

Lawyers, Architects, Human Beings

Ans



Question ID : 98958018027

Status : Answered

Chosen Option : 2

Q.3 Which number will replace the question mark (?) in the following series?

2, 3, 8, 31, ?

Ans  1. 154

 2. 134

 3. 105


 4. 95

Question ID : 98958018019

Status : Not Attempted and  
Marked For Review

Chosen Option : -

Q.4 'Dice' is related to 'Cube' in the same way as 'Ball' is related to '\_\_\_\_\_'.  
Ans  1. Sphere

 2. Line

 3. Cone

 4. Cube

Question ID : 98958018007

Status : Answered

Chosen Option : 1

Q.5 श्याम रिया का भाई है। मोहिनी अनुज की माता है। रिया राम की बेटी है। अनुज श्याम का भाई है। मोहिनी का राम से क्या संबंध है?

Ans  1. बेटी

 2. माता

 3. बहन

 4. पत्नी

Question ID : 98958018009

Status : Answered

Chosen Option : 4

Q.6 Select the option in which the given figure (X) is embedded (rotation not allowed).



X

Ans

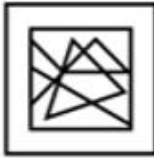
 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 98958018024

Status : Answered

Chosen Option : 3

Q.7 Arrange the following words as they appear in the English Dictionary.

1. Chairman
2. Challan
3. Chaos
4. Champion
5. Changing

Ans ✓ 1. 1, 2, 4, 5, 3

✗ 2. 1, 4, 2, 3, 5

✗ 3. 1, 3, 4, 2, 5

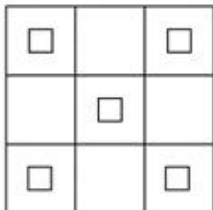
✗ 4. 1, 2, 3, 4, 5

Question ID : 98958018003

Status : Answered

Chosen Option : 1

Q.8 How many squares are present in the following figure?



Ans ✗ 1. 17

✓ 2. 19

✗ 3. 23

✗ 4. 21

Question ID : 98958018023

Status : Answered

Chosen Option : 2

Q.9 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.

FU : UF :: RS : ?

- Ans  1. IH  
 2. GH  
 3. IP  
 4. JH

Question ID : 98958018006

Status : Answered

Chosen Option : 1

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

(35, 48, 83)

- Ans  1. (24, 49, 75)  
 2. (15, 24, 39)  
 3. (25, 49, 91)  
 4. (15, 25, 41)

Question ID : 98958018018

Status : Not Attempted and  
Marked For Review

Chosen Option : -

Q.11 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.

GP : TK :: DR ?

- Ans  1. WI  
 2. WX  
 3. VU  
 4. IW



Question ID : 98958018010

Status : Answered

Chosen Option : 1

Q.12 Which two signs should be interchanged in the following equation to make it correct?

$$10 + 18 - 20 \times 100 \div 5 = 27$$

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

Question ID : 98958018015

Status : Not Attempted and  
Marked For Review

Chosen Option : -

Q.13 If WIND is coded as 414923 and CARDS is coded as 1941813, then how will ORIENT be coded as?

- Ans ☒ 1. 2014591815  
☐ 2. 2013591815  
☐ 3. 2014581815  
☐ 4. 1518951420

Question ID : 98958018005  
Status : Answered  
Chosen Option : 1

Q.14 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. 7815  
☐ 2. 6915  
☐ 3. 8715  
☒ 4. 8915

Question ID : 98958018020  
Status : Answered  
Chosen Option : 4

Q.15 Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



Ans

- ☐ 1.
- ☐ 2.
- ☒ 3.
- ☐ 4.

Question ID : 98958018026

Q.16 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- Ans ☒ 1. Tomato  
☒ 2. Onion  
☒ 3. Egg  
☒ 4. Potato

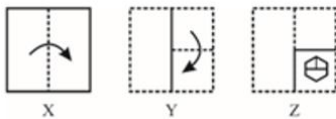
Question ID : **98958018012**  
Status : **Answered**  
Chosen Option : **3**

Q.17 If it was a Saturday on 10 November 2018, what was the day of the week on 15 August 2017?

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

Question ID : **98958018014**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **—**

Q.18 A paper is folded and cut as shown in the following figures (X, Y and Z). Select the option that depicts how this paper will appear when unfolded.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 98958018025

Status : Answered

Chosen Option : 3

Q.19 In a code language, THRUST is written as UJUYYZ. How will WOOD be written as in that language?

- Ans
- ☒ 1. XQSH
  - ☒ 2. XQRI
  - ☒ 3. XORH
  - ☒ 4. XQRH

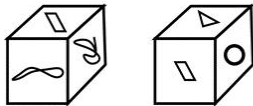
Question ID : 98958018004

Status : Answered

Chosen Option : 1

Q.20 Two different positions of the same dice are shown. Select the pattern that will be on the face opposite to the one having

▷.



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

Question ID : 98958018021

Status : Answered

Chosen Option : 2

Q.21 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 knives are axes.  
All axes are swords.  
All saws are swords.

Conclusions:

I. All swords are knives.  
II. Some swords are axes.  
III. Some swords are saws.

- Ans
- ☒ 1. Only conclusions II and III follow.
  - ☒ 2. Only conclusions I and II follow.
  - ☒ 3. Only conclusion I follows.
  - ☒ 4. All the conclusions follow.

Question ID : 98958018013









Status : Answered

Chosen Option : 1

Q.22 Select the Answer Fig. that will come next in the following Problem Fig. series.



**Ans**

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

Question ID : 98958018022

Status : **Answered**

Chosen Option : 2

**Q.23** Which letter-pair will replace the question mark (?) in the following series?

KH, ? , QN, WT, EB

**Ans**

-  1. NJ  
 2. MJ  
 3. LN  
 4. MK

Question ID : 98958018008

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

Chosen Option : –

**Q.24** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(10, 32, 54)

**Ans**

- ☒ 1. (25, 47, 77)  
☒ 2. (15, 49, 37)  
☒ 3. (35, 57, 79)  
☒ 4. (16, 37, 56)

Question ID : 98958018017

Status : Answered



Q.25 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- Ans
- ☐ 1. NRV
  - ☐ 2. DHL
  - ☐ 3. PTX
  - ☒ 4. FKM

Question ID : 98958018011

Status : Answered

Chosen Option : 1

Section : General Awareness

Q.1 A biochemical compound is any:

- Ans
- ☐ 1. mineral-based compound found in living things
  - ☐ 2. sulfur-based compound found in living things
  - ☒ 3. carbon-based compound found in living things
  - ☐ 4. hydrogen-based compound found in living things

Question ID : 98958017958

Status : Answered

Chosen Option : 4

Q.2 The team that won the first two World Cup cricket tournaments was:

- Ans
- ☐ 1. England
  - ☐ 2. Australia
  - ☒ 3. West Indies
  - ☐ 4. India

Question ID : 98958017972

Status : Answered

Chosen Option : 3

Q.3 The right pulmonary artery is \_\_\_\_.

- Ans
- ☒ 1. longer than the left
  - ☐ 2. wider than the left
  - ☐ 3. shorter than the left
  - ☐ 4. of same size as the left



Question ID : 98958017957

Status : Answered

Chosen Option : 1

Q.4 In June 2019, which Ministry was created by merging the Ministry of Water Resources, River Development and Ganga Rejuvenation and the Ministry of Drinking Water and Sanitation?

- Ans
- ☐ 1. Jal Jeevan
  - ☐ 2. Jal Nidhi

-  3. Jal Shakti  
 4. Jal Sangrah





Question ID : 98958017970  
Status : Answered  
Chosen Option : 3

Q.5 India's PU Chitra won gold medal in women's 1500 meter at Folsam Grand Prix 2019 held in \_\_\_\_\_.

- Ans  1. Russia  
 2. Indonesia  
 3. France  
 4. Sweden

Question ID : 98958017974  
Status : Answered  
Chosen Option : 4

Q.6 Which of the following is not a natural greenhouse gas?

- Ans  1. Carbon dioxide  
 2. Nitrogen  
 3. Water vapour  
 4. Methane

Question ID : 98958017959  
Status : Answered  
Chosen Option : 3

Q.7 The famous Madhubani artist who won the Bihar Ratna in 1984 is \_\_\_\_\_.

- Ans  1. Sita Devi  
 2. Mahasundari Devi  
 3. Shashi Kala Devi  
 4. Ganga Devi

Question ID : 98958017969  
Status : Answered  
Chosen Option : 1

Q.8 The Goldman Prize which was instituted in 1989 by Richard and Rhoda Goldman is given in the field of \_\_\_\_\_.

- Ans  1. Education  
 2. Painting  
 3. Environment  
 4. Music

Question ID : 98958017976  
Status : Not Answered  
Chosen Option : -

Q.9 Hampi, the ancient capital of Vijayanagara is located in:

- Ans
- ☒ 1. Kerala
  - ☒ 2. Tamil Nadu
  - ☒ 3. Karnataka
  - ☒ 4. Telengana

Question ID : 98958017966  
Status : Answered  
Chosen Option : 3

Q.10 In the field of Information and Technology what is the fullform of ASCII?

- Ans
- ☒ 1. American Standard Communication for Information Interchange
  - ☒ 2. American Standard Code for Information Interchange
  - ☒ 3. American Standard Code for International Interchange
  - ☒ 4. American Standard Code for Infrastructure Interchange

Question ID : 98958017961  
Status : Not Answered  
Chosen Option : -

Q.11 The Pacific Vanguard maritime exercise was held in \_\_\_\_\_ May 2019.

- Ans
- ☒ 1. Australia
  - ☒ 2. China
  - ☒ 3. Guam
  - ☒ 4. Japan

Question ID : 98958017975  
Status : Answered  
Chosen Option : 3

Q.12 The Indian ship that will take part in the 8th Indo – Myanmar Coordinated Patrol is \_\_\_\_\_.

- Ans
- ☒ 1. INS Sukanya
  - ☒ 2. INS Saryu
  - ☒ 3. INS Vikrant
  - ☒ 4. INS Car Nicobar

Question ID : 98958017977  
Status : Answered  
Chosen Option : 1

Q.13 The term 'Hellenistic' is related to which of the following countries?

- Ans
- ☒ 1. Greece
  - ☒ 2. China
  - ☒ 3. Peru
  - ☒ 4. India

Question ID : 98958017953  
Status : Not Answered  
Chosen Option : -

Q.14 The Gandikota canyon, also known as the grand canyon of India is located in \_\_\_\_\_.

- Ans ☒ 1. Andhra Pradesh  
☒ 2. Karnataka  
☒ 3. West Bengal  
☒ 4. Kerala

Question ID : 98958017964  
Status : Answered  
Chosen Option : 3

Q.15 An island between India and Sri Lanka is \_\_\_\_\_.

- Ans ☒ 1. Chorao  
☒ 2. Divar  
☒ 3. Ilha grand  
☒ 4. Kachchatheevu

Question ID : 98958017965  
Status : Answered  
Chosen Option : 4

Q.16 Central Potato Research Institute is located in \_\_\_\_\_.

- Ans ☒ 1. Kolkata  
☒ 2. Nagpur  
☒ 3. Hyderabad  
☒ 4. Shimla

Question ID : 98958017963  
Status : Answered  
Chosen Option : 3

Q.17 In the context of banking system in India what is the fullform of RTGS?

- Ans ☒ 1. Real Time Gross Settlement  
☒ 2. Random Time Gross Settlement  
☒ 3. Real Time Gain Settlement  
☒ 4. Reel Time Gain Settlement

Question ID : 98958017956  
Status : Answered  
Chosen Option : 1

Q.18 Bhagat Singh, Sukhdev and Rajguru were executed on \_\_\_\_\_.

- Ans ☒ 1. 23 March, 1931  
☒ 2. 23 April, 1932  
☒ 3. 28 January, 1933  
☒ 4. 23 February, 1930

Question ID : 98958017967  
Status : Answered

Q.19 An example of an input device is \_\_\_\_\_.

- Ans
- ☐ 1. Soundcard
  - ☐ 2. Headphones
  - ☐ 3. Projector
  - ☒ 4. Webcam

Question ID : 98958017960

Status : Answered

Chosen Option : 1

Q.20 Which of the following national parks is situated in Uttar Pradesh?

- Ans
- ☒ 1. Dudhwa
  - ☐ 2. Dachigam
  - ☐ 3. Van Vihar
  - ☐ 4. Hemis

Question ID : 98958017962

Status : Answered

Chosen Option : 1

Q.21 The famous 'Tangaliya shawl' is associated to which state of India?

- Ans
- ☐ 1. Punjab
  - ☒ 2. Gujarat
  - ☐ 3. Uttarakhand
  - ☐ 4. Uttar Pradesh

Question ID : 98958017954

Status : Not Answered

Chosen Option : -

Q.22 Which of the following is the major state taxes in India?

- Ans
- ☒ 1. Stamp duty and registration
  - ☐ 2. Income tax
  - ☐ 3. Corporation Tax
  - ☐ 4. Customs duty

Question ID : 98958017971

Status : Not Answered

Chosen Option : -

Q.23 Who among the following is famous for Classical Carnatic Music?

- Ans
- ☐ 1. Pandit Ravi Shankar
  - ☒ 2. Balamuralikrishna
  - ☐ 3. Pandit Shivkumar Sharma
  - ☐ 4. Pandit Kumar Gandharva

Question ID : 98958017968

Status : Answered

Chosen Option : 2

Q.24 The 2018 BWF World Tour Finals men's singles was won by:

- Ans
- ☒ 1. Shi Yuqi
  - ☐ 2. Sameer Verma
  - ☐ 3. Son Wan Ho
  - ☐ 4. Kento Momoto

Question ID : 98958017973

Status : Not Answered

Chosen Option : -

Q.25 Who among the following was NOT a governor of Reserve Bank of India?

- Ans
- ☐ 1. D. Subbarao
  - ☐ 2. Manmohan Singh
  - ☐ 3. M Narasimham
  - ☒ 4. M S Gill

Question ID : 98958017955

Status : Answered

Chosen Option : 4

Section : Quantitative Aptitude

Q.1 The average of 24 numbers is 65. The average of first 11 numbers is 67 and the average of last 10 numbers is 70. If the 12<sup>th</sup> number is 13 less than the 13<sup>th</sup> number, and the 14<sup>th</sup> number is one more than the 13<sup>th</sup> number, then the average of 12<sup>th</sup> and 14<sup>th</sup> number is:

- Ans
- ☒ 1. 39
  - ☐ 2. 36
  - ☐ 3. 26
  - ☐ 4. 42

Question ID : 98958018056

Status : Answered

Chosen Option : 2

Q.2 A person covers 40% of a distance with a speed of 60 km/h and the remaining with a speed of 40 km/h. What is his average speed for the whole journey in km/h?

- Ans
- ☐ 1.  $\frac{500}{11}$
  - ☒ 2.  $\frac{600}{13}$
  - ☐ 3.  $\frac{500}{13}$
  - ☐ 4.  $\frac{600}{11}$

Question ID : 98958018054

Status : Answered

Chosen Option : 3

Q.3 Four cubes, each of edge 5 cm are joined end to end. What is the total surface area of the resulting cuboid?

- Ans
- ☐ 1.  $475 \text{ cm}^2$
  - ☒ 2.  $450 \text{ cm}^2$
  - ☐ 3.  $600 \text{ cm}^2$
  - ☐ 4.  $500 \text{ cm}^2$

Question ID : 98958018055

Status : Answered

Chosen Option : 3

Q.4 If in  $\triangle ABC$ , D is a point on BC, such that  $BD : BC = 2 : 5$ , what is the ratio  $\text{area}(\triangle ABD) : \text{area}(\triangle ADC)$ ?

- Ans
- ☒ 1.  $2 : 3$
  - ☐ 2.  $4 : 9$
  - ☐ 3.  $1 : 2$
  - ☐ 4.  $2 : 5$

Question ID : 98958018069

Status : Answered

Chosen Option : 2

Q.5 In a circle, chords AD and BC meet at a point E outside the circle. If  $\angle BAE = 76^\circ$  and  $\angle ADC = 102^\circ$ , then  $\angle AEC$  is equal to:

- Ans
- ☐ 1.  $28^\circ$
  - ☐ 2.  $25^\circ$
  - ☐ 3.  $24^\circ$
  - ☒ 4.  $26^\circ$

Question ID : 98958018067

Status : Answered

Chosen Option : 3

Q.6 If  $a + b + c = 5$  and  $ab + bc + ca = 4$ , then  $a^3 + b^3 + c^3 - 3abc$  is equal to:

- Ans
- ☐ 1. 62
  - ☐ 2. 72
  - ☐ 3. 68
  - ☒ 4. 65




Question ID : 98958018065

Status : Answered

Chosen Option : 3

Q.7  $(\sin^2 36^\circ + \tan^2 60^\circ + \sec^2 30^\circ + \sin^2 54^\circ)$  is equal to:

- Ans
- ☐ 1. 5

-  2.  $\frac{17}{3}$
-  3.  $\frac{14}{3}$
-  4.  $\frac{16}{3}$





Question ID : 98958018071  
Status : Answered  
Chosen Option : 3

**Q.8** The cost price of an article is ₹425. A shopkeeper gives a discount of 20% and still gains 16%. What is the marked price of the article?

- Ans**  1. ₹605.75
-  2. ₹620.50
-  3. ₹624.50
-  4. ₹616.25

Question ID : 98958018057  
Status : Not Answered  
Chosen Option : –

**Q.9** The selling price of 24 articles is equal to the cost price of 26 articles. What is the gain percentage (correct to one decimal place) in such a situation?

- Ans**  1.  $\frac{25}{3}\%$
-  2.  $\frac{105}{13}\%$
-  3.  $\frac{100}{13}\%$
-  4.  $\frac{26}{3}\%$

Question ID : 98958018059  
Status : Answered  
Chosen Option : 1

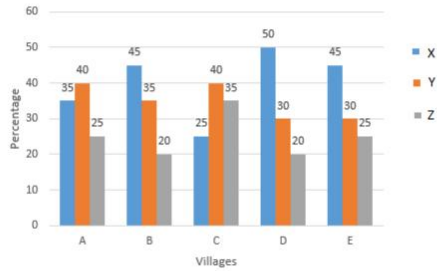
**Q.10** The difference between compound interest and simple interest on ₹x at 6.5% per annum for 2 years is ₹33.80. What is the value of x?

- Ans**  1. ₹7800
-  2. ₹7500
-  3. ₹8000
-  4. ₹8500

Question ID : 98958018061  
Status : Answered  
Chosen Option : 2



**Q.11** The given Bar Graph presents the percentages of population in the age groups, X(above 50 years), Y(20 to 50 years), Z(below 20 years) in five different villages, A, B, C, D and E with total population of 5000, 6000, 8000, 4500 and 6000 respectively.



The number of persons having ages below 20 years in villages, B and C taken together is what percentage of the total population of the said villages?

Ans

☒ 1.  $\frac{190}{7}$

☒ 2.  $\frac{186}{5}$

☒ 3.  $\frac{200}{7}$

☒ 4.  $\frac{184}{5}$

Question ID : 98958018076

Status : Answered

Chosen Option : 2

**Q.12** Given that  $x, y, z$  are positive real numbers, if

$$(x + y)^2 - z^2 = 8, (y + z)^2 - x^2 = 10 \text{ and } (x + z)^2 - y^2 = 7,$$

then  $(x + y + z)$  is equal to:

Ans

☒ 1. 5

☒ 2. 7

☒ 3. 8

☒ 4. 6

Question ID : 98958018066

Status : Answered

Chosen Option : 3

**Q.13** A, B and C, alone can do a piece of work in 9, 12 and 18 days respectively. They all started the work together, but A left after 3 days. In how many days, was the remaining work completed?

Ans

☒ 1. 2

☒ 2.  $\frac{5}{2}$

☒ 3.  $\frac{11}{4}$

✓ 4.  $\frac{9}{5}$

Question ID : 98958018053

Status : Answered

Chosen Option : 4

Q.14 In  $\triangle ABC$ ,  $\angle ABC = 90^\circ$  and  $BD \perp AC$ . If  $AD = 4$  cm and  $CD = 5$  cm, then  $BD$  is equal to:

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

Question ID : 98958018070

Status : Answered

Chosen Option : 2

Q.15 What is the ratio of the mean proportional between 14.4 and 3.6 and the third proportional of 5 and 4?

- Ans
- ✗ 1. 4 : 9
  - ✗ 2. 5 : 8
  - ✓ 3. 9 : 4
  - ✗ 4. 8 : 5

Question ID : 98958018060

Status : Answered

Chosen Option : 3

Q.16 If  $a = \sqrt{8} - \sqrt{7}$  and  $a = \frac{1}{b}$ , then  $\frac{a^2 + b^2 - 3ab}{a^2 + ab + b^2}$  is equal to:

- Ans
- ✓ 1.  $\frac{27}{31}$
  - ✗ 2.  $\frac{27}{32}$
  - ✗ 3.  $\frac{29}{33}$
  - ✗ 4.  $\frac{29}{31}$

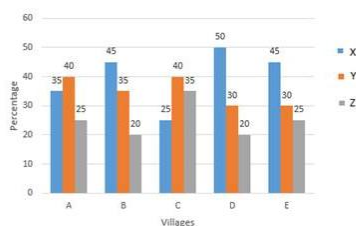
Question ID : 98958018064

Status : Answered

Chosen Option : 3

Q.17

The given Bar Graph presents the percentages of population in the age groups, X(above 50 years), Y(20 to 50 years), Z(below 20 years) in five different villages, A, B, C, D and E with total population of 5000, 6000, 8000, 4500 and 6000 respectively.



What is the total number of persons in the age group of 20 to 50 years in the villages A and B, taken together?

- Ans
- ☒ 1. 4300
  - ☒ 2. 4200
  - ☒ 3. 4100
  - ☒ 4. 4000

Question ID : 98958018074

Status : Answered

Chosen Option : 3

Q.18 The simplified value of

$20 - [2.8 \times 5 \div 0.7 - 3 \div 0.9 \times 1.5 + 2]$  is equal to:

- Ans
- ☒ 1. 3
  - ☒ 2. 3.4
  - ☒ 3. 3.8
  - ☒ 4. 3.6

Question ID : 98958018063

Status : Answered

Chosen Option : 1

Q.19 The price of petrol is increased by 24%. A person wants to increase his expenditure by 14% only. By what percentage (correct to one decimal place), should he decrease his consumption in order to maintain the same level of expenditure?

- Ans
- ☒ 1. 8.3
  - ☒ 2. 7.9
  - ☒ 3. 8.1
  - ☒ 4. 7.8

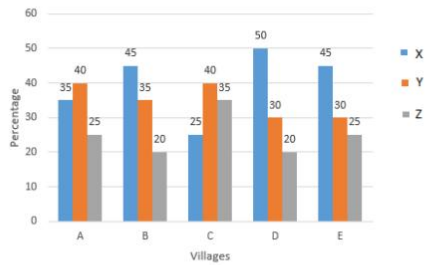
Question ID : 98958018058

Status : Answered

Chosen Option : 4

Q.20

The given Bar Graph presents the percentages of population in the age groups, X(above 50 years), Y(20 to 50 years), Z(below 20 years) in five different villages, A, B, C, D and E with total population of 5000, 6000, 8000, 4500 and 6000 respectively.



The difference between the number of persons of ages below 20 years in villages D and E, taken together, is what percentage of the number of persons of the same age group in village D?

- Ans
1.  $\frac{190}{3}$
  2.  $\frac{185}{3}$
  3.  $\frac{182}{3}$
  4.  $\frac{200}{3}$

Question ID : 98958018077

Status : Answered

Chosen Option : 2

Q.21 A quadrilateral ABCD is inscribed in a circle with centre O. If  $\angle BOC = 92^\circ$  and  $\angle ADC = 112^\circ$ , then  $\angle ABO$  is equal to:

- Ans
1.  $22^\circ$
  2.  $24^\circ$
  3.  $28^\circ$
  4.  $26^\circ$

Question ID : 98958018068

Status : Answered

Chosen Option : 3

Q.22 The eight digit number  $5x32465y$  is divisible by 88. What is the value of  $(2x + 3y)$ ?

- Ans
1. 18
  2. 20
  3. 16
  4. 24

Question ID : 98958018062

Status : Answered

Chosen Option : 3

Q.23 If  $2\sin^2\theta + 3\sin\theta - 2 = 0$ , ( $0^\circ < \theta < 90^\circ$ ) then the value of  $\theta$  is:

- Ans
- ☒ 1.  $45^\circ$
  - ☒ 2.  $30^\circ$
  - ☒ 3.  $90^\circ$
  - ☒ 4.  $60^\circ$

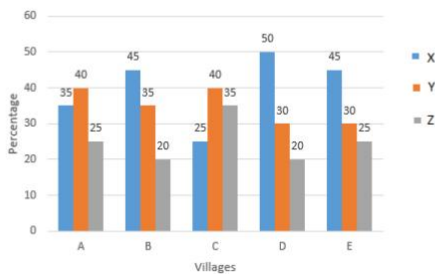
Question ID : 98958018073  
 Status : Answered  
 Chosen Option : 4

Q.24 If  $\tan \theta = \frac{3}{5}$ , ( $0^\circ < \theta < 90^\circ$ ) then  $\sin \theta \cos \theta$  is equal to:

- Ans
- ☒ 1.  $\frac{14}{\sqrt{34}}$
  - ☒ 2.  $\sqrt{17}$
  - ☒ 3.  $\frac{16}{\sqrt{34}}$
  - ☒ 4.  $\frac{15}{34}$

Question ID : 98958018072  
 Status : Answered  
 Chosen Option : 3

Q.25 The given Bar Graph presents the percentages of population in the age groups, X(above 50 years), Y(20 to 50 years), Z(below 20 years) in five different villages, A, B, C, D and E with total population of 5000, 6000, 8000, 4500 and 6000 respectively.



What is the ratio of the total number of persons of ages above 50 years in the villages, B and C, taken together to the total number of persons having ages between 20 and 50 years in the said villages?

- Ans
- ☒ 1. 49 : 57
  - ☒ 2. 47 : 53
  - ☒ 3. 51 : 59
  - ☒ 4. 24 : 27

Question ID : 98958018075  
 Status : Answered  
 Chosen Option : 1

Section : English Language

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

Women in traditional costumes welcoming a foreign dignitaries.

- Ans
- ☒ 1. No improvement
  - ☒ 2. welcomed the foreign dignitaries
  - ☒ 3. welcome to foreign dignitaries
  - ☒ 4. welcomes the foreigner dignitaries

Question ID : 98958017906  
Status : Answered  
Chosen Option : 3

Q.2 Select the word which means the same as the group of words given.

People living at the same time

- Ans
- ☒ 1. comrades
  - ☒ 2. friends
  - ☒ 3. contemporaries
  - ☒ 4. cosmopolitans

Question ID : 98958017922  
Status : Answered  
Chosen Option : 3

Q.3 Select the correctly spelt word.

- Ans
- ☒ 1. counterfate
  - ☒ 2. counterfiet
  - ☒ 3. counterfeit
  - ☒ 4. countorfeit

Question ID : 98958017924  
Status : Answered  
Chosen Option : 3

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

The boss said to his employee, "I will be happy if you finish this project by evening."


- Ans
- ☒ 1. The boss told his employee he will be happy if he finished this project by evening.
  - ☒ 2. The boss told his employee that he would be happy if he will finish this project by evening.
  - ☒ 3. The boss told his employee that he would be happy if he finishes that project by evening.
  - ☒ 4. The boss told his employee that he would be happy if he finished that project by evening.

Question ID : 98958017905  
Status : Answered  
Chosen Option : 4


Q.5 Select the most appropriate meaning of the underlined idiom in the given sentence.

She has a good job and a happy family. She has best of both the worlds.

- Ans
- ☒ 1. advantages and disadvantages

 2. all the advantages

 3. a contented family

 4. a good career

Question ID : 98958017921

Status : Answered

Chosen Option : 2

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

CLIMAX

Ans  1. preface

 2. epilogue

 3. culmination

 4. prologue

Question ID : 98958017917


Status : Answered

Chosen Option : 4

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

ROUTINE

Ans  1. normal

 2. accepted

 3. regular

 4. different

Question ID : 98958017918

Status : Answered


Chosen Option : 4


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 improvement.

With each passing day he was going in more trouble.

Ans  1. No improvement

 2. he were going to

 3. he was getting into

 4. he are getting in

Question ID : 98958017907


Status : Answered

Chosen Option : 2


Q.9 Select the correct passive form of the given sentence.

Everyone should obey traffic regulations.

Ans  1. Traffic regulations are obeyed by everyone.

 2. Traffic regulations should be obey by everyone.

 3. Traffic regulations should be obeyed by everyone.

 4. Traffic regulations will be obeyed by everyone.

Question ID : 98958017904

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.

Rivers around the world are (1) \_\_\_\_\_ with dangerous levels of antibiotics, (2) \_\_\_\_\_ to a recent study. Concentration of antibiotics in some waterways (3) \_\_\_\_\_ safety levels by 300 times. Researchers looked at several (4) \_\_\_\_\_ used antibiotics in rivers flowing (5) \_\_\_\_\_ 72 countries.

SubQuestion No : 10

Q.10

Select the most appropriate option for blank No. 1

Ans

 1. tainted

 2. infected

 3. fouled

 4. contaminated

Question ID : 98958017909

Status : Not Answered

Chosen Option : -

**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.

Rivers around the world are (1) \_\_\_\_\_ with dangerous levels of antibiotics, (2) \_\_\_\_\_ to a recent study. Concentration of antibiotics in some waterways (3) \_\_\_\_\_ safety levels by 300 times. Researchers looked at several (4) \_\_\_\_\_ used antibiotics in rivers flowing (5) \_\_\_\_\_ 72 countries.

SubQuestion No : 11

Q.11 Select the most appropriate option for blank No. 2

Ans

 1. consistent

 2. according

 3. reported

 4. conforming

Question ID : 98958017910

Status : Not Answered

Chosen Option : -

**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.

Rivers around the world are (1) \_\_\_\_\_ with dangerous levels of antibiotics, (2) \_\_\_\_\_ to a recent study. Concentration of antibiotics in some waterways (3) \_\_\_\_\_ safety levels by 300 times. Researchers looked at several (4) \_\_\_\_\_ used antibiotics in rivers flowing (5) \_\_\_\_\_ 72 countries.

SubQuestion No : 12


Q.12 Select the most appropriate option for blank No. 3

Ans

 1. excels



 2. outgrows

 3. exceeds

 4. outpaces

Question ID : 98958017911

Status : Not Answered

Chosen Option : –

**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.

Rivers around the world are (1) \_\_\_\_\_ with dangerous levels of antibiotics, (2) \_\_\_\_\_ to a recent study. Concentration of antibiotics in some waterways (3) \_\_\_\_\_ safety levels by 300 times. Researchers looked at several (4) \_\_\_\_\_ used antibiotics in rivers flowing (5) \_\_\_\_\_ 72 countries.

**SubQuestion No : 13**

**Q.13** Select the most appropriate option for blank No. 4

Ans  1. unusually

 2. likely

 3. commonly

 4. badly

Question ID : 98958017912

Status : Not Answered

Chosen Option : –

**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.

Rivers around the world are (1) \_\_\_\_\_ with dangerous levels of antibiotics, (2) \_\_\_\_\_ to a recent study. Concentration of antibiotics in some waterways (3) \_\_\_\_\_ safety levels by 300 times. Researchers looked at several (4) \_\_\_\_\_ used antibiotics in rivers flowing (5) \_\_\_\_\_ 72 countries.

**SubQuestion No : 14**

**Q.14** Select the most appropriate option for blank No. 5

Ans  1. with

 2. below

 3. through

 4. above

Question ID : 98958017913

Status : Not Answered

Chosen Option : –

**Q.15** In the sentence identify the segment which contains the grammatical error.

Our nation can make significant growth but if we all work collectively.

Ans  1. but if we all

 2. make significant growth

 3. Our nation can

 4. work collectively

Question ID : 98958017903  
Status : Not Answered  
Chosen Option : –

Q.16 Select the most appropriate option to fill in the blank.

The hotel room \_\_\_\_\_ of odour of leftover food.

- Ans
- ☒ 1. smoked
  - ☒ 2. reeked
  - ☒ 3. traced
  - ☒ 4. flavoured

Question ID : 98958017927  
Status : Not Answered  
Chosen Option : –

Q.17 Select the word which means the same as the group of words given.

One who can use both hands efficiently

- Ans
- ☒ 1. genius
  - ☒ 2. skillful
  - ☒ 3. ambivalent
  - ☒ 4. ambidextrous

Question ID : 98958017923  
Status : Not Answered  
Chosen Option : –

Q.18

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

I am not thinking of the solution to this problem. I will cross the bridge when I come to it.

- Ans
- ☒ 1. deal with something only when necessary
  - ☒ 2. not even think about the problem
  - ☒ 3. not deal with the problem at all
  - ☒ 4. let someone else deal with the problem

Question ID : 98958017920  
Status : Not Answered  
Chosen Option : –

Q.19 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.





- A. One population lives in the Bwindi National Park in Uganda.
- B. Mountain gorillas are some of the most threatened animals on the planet.
- C. Only two groups of mountain gorillas remain.
- D. The other group lives in the Virunga Mountains.

- Ans
- ☒ 1. BDCA
  - ☒ 2. CDBA
  - ☒ 3. ABCD
  - ☒ 4. BCAD

Question ID : 98958017914  
Status : Not Answered  
Chosen Option : –

Q.20 In the sentence identify the segment which contains the grammatical error.





I will stop to refreshments at the next restaurant on the highway.

- Ans
-  1. on the highway
  -  2. I will stop
  -  3. at the next restaurant
  -  4. to refreshments

Question ID : 98958017902  
Status : Not Answered  
Chosen Option : –

Q.21 Select the most appropriate synonym of the given word.


MANUAL

- Ans
-  1. dictionary
  -  2. thesaurus
  -  3. directory
  -  4. handbook

Question ID : 98958017916  
Status : Not Answered  
Chosen Option : –

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

The crisis would \_\_\_\_\_ damage their reputation.

- Ans
-  1. farther
  -  2. either
  -  3. neither
  -  4. further

Question ID : 98958017926  
Status : Not Answered  
Chosen Option : –

Q.23 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. In fact, there are about 800 million mobile phone users now.
- B. They have been in use in the country for over two decades.
- C. Mobile companies are regularly bringing out phones with new features for these users.
- D. There are billions of mobile phones in India today.

- Ans
-  1. ABCD
  -  2. DCAB
  -  3. DBAC
  -  4. ACBD

Question ID : 98958017915

Status : **Not Answered**  
Chosen Option : —

Q.24 Select the most appropriate antonym of the given word.

CONCLUSIVE

- Ans
-  1. clear
  -  2. undeniable
  -  3. ambiguous
  -  4. decisive

Question ID : **98958017919**  
Status : **Not Answered**  
Chosen Option : —

Q.25 Select the correctly spelt word.

- Ans
-  1. acquesition
  -  2. acquasition
  -  3. acquisition
  -  4. acquision

Question ID : **98958017925**  
Status : **Not Answered**  
Chosen Option : —