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

Roll No.	www examstocks
Registration No.	examstocks
Name	
Test Venue	
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

✗ 1.

✔ 2.

✗ 3.

✗ 4.

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
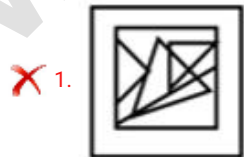
✔ 4. पत्नी

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**

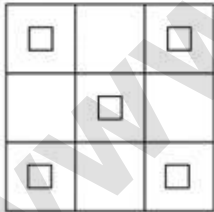**Q.7** Arrange the following words as they appear in the English Dictionary.

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 × 100 ÷ 5 = 27

Ans
✘ 1. × and -

✘ 2. + and ÷

✔ 3. × and ÷

✘ 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

Status : **Answered**

Chosen Option : **3**

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?
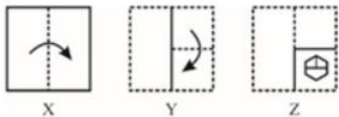
Ans ✘ 1. Monday

✔ 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 UJUYXZ. How will WOOD be written as in that language?

Ans

✖ 1. XQSH

✖ 2. XQRI

✖ 3. XORH

✔ 4. XQRH
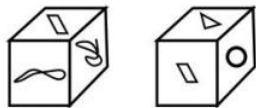
Question ID : **98958018004**

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 knifes are axes.
All axes are swords.
All saws are swords.

Conclusions:
I. All swords are knifes.
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.
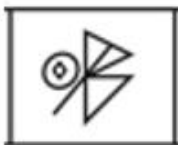

Ans

✗ 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**

Chosen Option : **3**

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 Folksam 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**

Chosen Option : **1**

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 12th number is 13 less than the 13th number, and the 14th number is one more than the 13th number, then the average of 12th and 14th 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. $\dfrac{500}{11}$

✔ 2. $\dfrac{600}{13}$

✘ 3. $\dfrac{500}{13}$

✘ 4. $\dfrac{600}{11}$

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 cm^2
✔ 2. 450 cm^2
✗ 3. 600 cm^2
✗ 4. 500 cm^2

Question ID : 98958018055
Status : Answered
Chosen Option : 3

Q.4 If in ΔABC, D is a point on BC, such that BD : BC = 2 : 5, what is the ratio area(ΔABD) : area(ΔADC)?

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 ∠BAE = 76° and ∠ADC = 102°, then ∠AEC is equal to:

Ans
✗ 1. 28°
✗ 2. 25°
✗ 3. 24°
✔ 4. 26°

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 $(sin^2 36° + tan^2 60° + sec^2 30° + sin^2 54°)$ is equal to:

Ans
✗ 1. 5

✗ 2. $\dfrac{17}{3}$

✗ 3. $\dfrac{14}{3}$

✓ 4. $\dfrac{16}{3}$

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. $\dfrac{25}{3}\%$

✗ 2. $\dfrac{105}{13}\%$

✗ 3. $\dfrac{100}{13}\%$
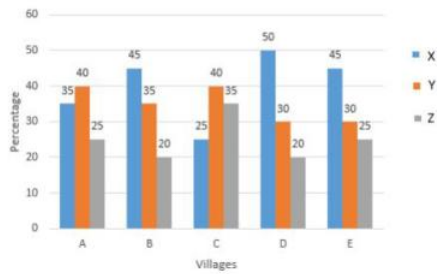
✗ 4. $\dfrac{26}{3}\%$

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. $\dfrac{190}{7}$

✗ 2. $\dfrac{186}{5}$

✔ 3. $\dfrac{200}{7}$

✗ 4. $\dfrac{184}{5}$

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. $\dfrac{5}{2}$

✗ 3. $\dfrac{11}{4}$

✔ 4. $\dfrac{9}{5}$

Question ID : 98958018053
Status : **Answered**
Chosen Option : **4**

Q.14 In $\triangle ABC$, $\angle ABC = 90°$ 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 $a = \dfrac{1}{b}$, then $\dfrac{a^2 + b^2 - 3ab}{a^2 + ab + b^2}$ is equal to:

Ans   ✔ 1. $\dfrac{27}{31}$

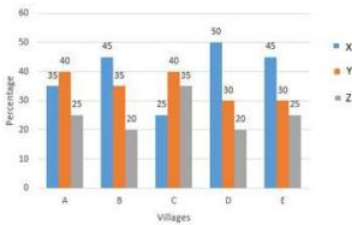✘ 2. $\dfrac{27}{32}$

✘ 3. $\dfrac{29}{33}$

✘ 4. $\dfrac{29}{31}$

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
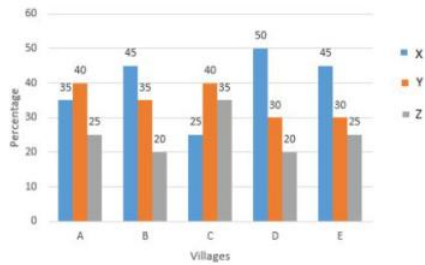   ✗ 2. 7.9
      ✔ 3. 8.1
      ✗ 4. 7.8

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. $\dfrac{190}{3}$

✗ 2. $\dfrac{185}{3}$

✗ 3. $\dfrac{182}{3}$

✔ 4. $\dfrac{200}{3}$

Question ID : 98958018077
Status : Answered
Chosen Option : 2

Q.21 A quadrilateral ABCD is inscribed in a circle with centre O. If ∠BOC = 92° and ∠ADC = 112°, then ∠ABO is equal to:

Ans

✗ 1. $22°$

✔ 2. $24°$

✗ 3. $28°$

✗ 4. $26°$

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 $2sin^2\theta + 3sin\theta - 2 = 0$, $(0° < \theta < 90°)$ then the value of θ is:

Ans

✗ 1. $45°$

✔ 2. $30°$

✗ 3. $90°$

✗ 4. $60°$

Question ID : 98958018073
Status : Answered
Chosen Option : 4

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

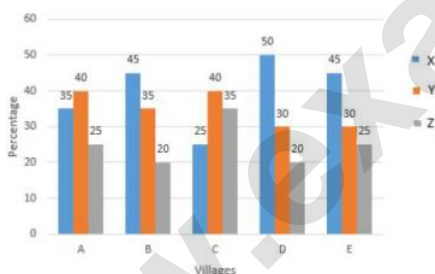**Ans**

✗ 1. $\dfrac{14}{\sqrt{34}}$

✗ 2. $\sqrt{17}$

✗ 3. $\dfrac{16}{\sqrt{34}}$

✔ 4. $\dfrac{15}{34}$

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 <u>welcoming a foreign dignitaries.</u>

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 <u>best of both the worlds.</u>

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 <u>he was going in</u> 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

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

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

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 <u>cross the bridge when I come to it.</u>

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

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 : —