

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

Roll No.	
Registration No.	
Name	
Test Venue	
Test Time	1:00 PM - 2:00 PM
Test Date	11/07/2019

Section : General Intelligence

Q.1 If SAW is coded as 8264 and CUDDLE is coded as 24623231522, then how will MEDULLA be coded as?

- Ans
- 1. 1422237151525
  - 2. 1422236151526
  - 3. 1422236151625
  - 4. 1422236161526

Question ID : 98958017008  
Status : Not Answered  
Chosen Option : --

Q.2 Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- Ans
- 1. Kiwi
  - 2. Eagle
  - 3. Vulture
  - 4. Goose

Question ID : 98958017015  
Status : Answered  
Chosen Option : 4

Q.3 Which two signs and two numbers should be interchanged in the following equation to make it correct?

$$8 + 15 - 20 \times 10 \div 5 = 47$$

- Ans
- 1.  $\times$  and  $\div$ , 5 and 8
  - 2. + and -, 8 and 15
  - 3. + and  $\div$ , 10 and 20
  - 4.  $\times$  and -, 15 and 20

Question ID : 98958017018  
Status : Answered  
Chosen Option : 2

Q.4 'RETINA' is related to 'EYE' in the same way as 'HYDROGEN' is related to '\_\_\_\_\_':

- Ans
- 1. WATER
  - 2. IODINE

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- 3. EAR
- 4. LEGS

Question ID : 98958017010  
 Status : Answered  
 Chosen Option : 1

**Q.5** Select the set in which the numbers are related in the same way as are the numbers of the following set.

(16, 23, 32)

- Ans
- 1. (10, 23, 46)
  - 2. (11, 18, 27)
  - 3. (6, 14, 25)
  - 4. (10, 17, 28)

Question ID : 98958017020  
 Status : Answered  
 Chosen Option : 2

**Q.6** 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.

Ostrich : Eagle

- Ans
- 1. Cow : Elephant
  - 2. Swan : Lion
  - 3. Whale : Kite
  - 4. Hen : Goat

Question ID : 98958017013  
 Status : Answered  
 Chosen Option : 1

**Q.7** Which number will replace the question mark (?) in the following series?

7, 9, 12, 17, 24, 35, ?

- Ans
- 1. 52
  - 2. 45
  - 3. 47
  - 4. 48

Question ID : 98958017022  
 Status : Answered  
 Chosen Option : 4

**Q.8** Select the option in which the given figure (X) is embedded.



X

Ans

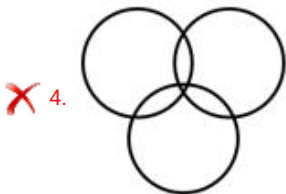
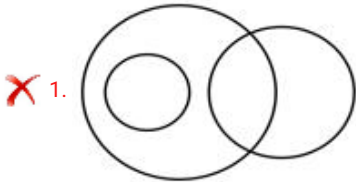


Question ID : 98958017027  
Status : Answered  
Chosen Option : 3

Q.9 Select the Venn diagram that best illustrates the relationship between the following classes.

Ants, Butterflies, Insects

Ans



Question ID : 98958017030  
Status : Answered  
Chosen Option : 3

Q.10 In a code language, KNIFE is written as MPG HG. How will SWORD be written as in that language?

- Ans
- 1. UYMTF
  - 2. VYMTF
  - 3. UYMTE
  - 4. UYQTF

Question ID : 98958017007  
Status : Answered  
Chosen Option : 1

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.

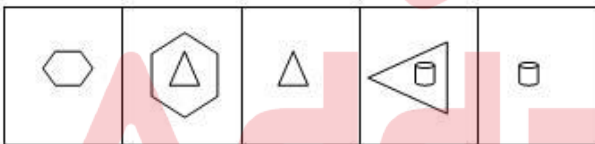
CH : FP :: GK : ?

- Ans
- 1. JS
  - 2. MP
  - 3. JL
  - 4. NU

Question ID : 98958017009  
Status : Answered  
Chosen Option : 1

Q.12 Select the figure that will come next in the following figure series.

Problem figure



Ans

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

Question ID : 98958017025  
Status : Answered  
Chosen Option : 2

Q.13 Which letter-pair will replace the question mark (?) in the following series?

EI, GK, ?, KO, MQ

- Ans
- 1. IL
  - 2. KM
  - 3. IM
  - 4. JK

Question ID : 98958017011  
Status : Answered  
Chosen Option : 3

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. 13
  - 2. 23
  - 3. 17
  - 4. 51

Question ID : 98958017023  
Status : Answered  
Chosen Option : 4

Q.15 Select the set in which the numbers are related in the same way as are the numbers of the following set.

(25, 49, 37)

- Ans
- 1. (12, 14, 8)
  - 2. (16, 64, 78)
  - 3. (26, 64, 120)
  - 4. (6, 4, 5)

Question ID : 98958017021  
Status : Answered  
Chosen Option : 4

Q.16 Arrange the following words in the sequence as they appear in English dictionary order.

1. Master
2. Marvel
3. Market
4. Marker
5. Marble
6. Margin

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

Question ID : 98958017006  
Status : Answered  
Chosen Option : 2

Q.17 What was the day of the week on 26 January 2012?

- Ans
- 1. Sunday
  - 2. Saturday
  - 3. Thursday
  - 4. Tuesday

Question ID : 98958017017  
Status : Answered  
Chosen Option : 3

Q.18 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 : 98958017029  
Status : Answered  
Chosen Option : 1

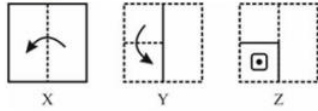
Q.19 Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

7, 13

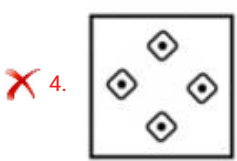
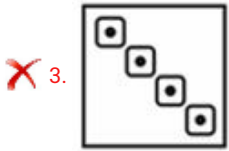
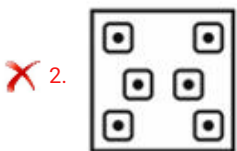
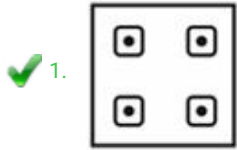
- Ans
- 1. 15, 19
  - 2. 17, 25
  - 3. 23, 31
  - 4. 17, 21

Question ID : 98958017019  
Status : Not Answered  
Chosen Option : --

Q.20 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?

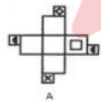


Ans



Question ID : 98958017028  
Status : Answered  
Chosen Option : 1

Q.21 A paper sheet is made into the following pattern (A). Find the cube that will best represent after folding the paper (A).



- Ans
- ✗ 1. 1, 2 and 3 only
  - ✗ 2. 1, 3 and 4 only
  - ✓ 3. 2, 3 and 4 only
  - ✗ 4. 2 and 3 only

Question ID : 98958017024  
Status : Answered  
Chosen Option : 2

Q.22 Two statements are given, followed by four conclusions numbered I, II III and IV. Assuming

the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

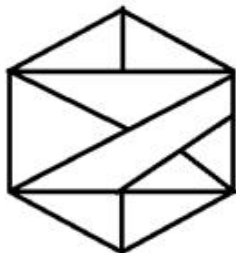
Statement :  
No carrot is root.  
All roots are potatoes.

Conclusions:  
I. No carrot is potatoes.  
II. No potatoes is carrot.  
III. Some potatoes are roots.  
IV . All the potatoes are roots.

- Ans  1. Only conclusion (III) follow  
 2. Conclusion (I) and (IV) follows  
 3. Conclusion (I) and (II) follows  
 4. Only conclusion (I) follow

Question ID : 98958017016  
 Status : Answered  
 Chosen Option : 1

Q.23 How many triangles are present in the following figure?



- Ans  1. 14  
 2. 16  
 3. 13  
 4. 11

Question ID : 98958017026  
 Status : Answered  
 Chosen Option : 3

Q.24 Mala and Lali are sisters. Mahesh is father of Dev. Gargi is mother of Mala and Dev. How Mahesh's father is related to Lali?

- Ans  1. Paternal Grand Father  
 2. Uncle  
 3. Father  
 4. Maternal Grand Father

Question ID : 98958017012  
 Status : Answered  
 Chosen Option : 1

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. IKMO

- 2. PRTW
- 3. BDFH
- 4. CEGI

Question ID : 98958017014  
Status : Answered  
Chosen Option : 2

Section : General Awareness

Q.1 The famous Civil Rights activist Iromn Chanu Sharmila belongs to which of the following states of India?

- Ans
- 1. Manipur
  - 2. Tripura
  - 3. Himachal Pradesh
  - 4. Assam

Question ID : 98958017446  
Status : Not Answered  
Chosen Option : --

Q.2 Netaji Subhash National Institute of Sports is located in \_\_\_\_\_.

- Ans
- 1. Patiala
  - 2. Karnal
  - 3. Agartal
  - 4. Cuttack

Question ID : 98958017452  
Status : Not Answered  
Chosen Option : --

Q.3 Which of the following hormones is known to be helpful in coping with stress?

- Ans
- 1. Serotonin
  - 2. Testosterone
  - 3. Calcitonin
  - 4. Melatonin

Question ID : 98958017436  
Status : Answered  
Chosen Option : 1

Q.4 With reference to the banking system of India, what does NEFT stand for?

- Ans
- 1. National Equity Finance Transaction
  - 2. National Equity Funds Transaction
  - 3. National Electronic Finance Transfer
  - 4. National Electronic Funds Transfer

Question ID : 98958017433  
Status : Answered

Chosen Option : 4

Q.5 Daringbadi hill station is located in \_\_\_\_\_.

- Ans
- 1. Madhya Pradesh
  - 2. Jharkhand
  - 3. Odisha
  - 4. West Bengal

Question ID : 98958017440

Status : Answered

Chosen Option : 3

Q.6 Which of the following is NOT a type of loan available under the Pradhan Mantri MUDRA Yojana?

- Ans
- 1. Purush
  - 2. Kishore
  - 3. Shishu
  - 4. Tarun

Question ID : 98958017434

Status : Answered

Chosen Option : 1

Q.7 Which of the following is an igneous rock?

- Ans
- 1. Limestone
  - 2. Slate
  - 3. Marble
  - 4. Granite

Question ID : 98958017441

Status : Answered

Chosen Option : 4

Q.8 Which of the following is NOT a classical language of India?

- Ans
- 1. Odia
  - 2. Pali
  - 3. Kannada
  - 4. Telugu

Question ID : 98958017432

Status : Answered

Chosen Option : 2

Q.9 Who became the acting prime minister of India after the death of Jawaharlal Nehru in 1964?

- Ans
- 1. V P Singh
  - 2. Morarji Desai
  - 3. Gulzarilal Nanda
  - 4. Charan Singh

Question ID : 98958017448  
Status : Not Answered  
Chosen Option : --

Q.10 Who is the author of the book 'The Idea of India'?

- Ans
- 1. Sunil Khilnani
  - 2. Amartya Sen
  - 3. Girish Kuber
  - 4. Amitav Ghosh

Question ID : 98958017447  
Status : Answered  
Chosen Option : 2

Q.11 The 1982 Asian Games were hosted by \_\_\_\_\_.

- Ans
- 1. Pakistan
  - 2. South Korea
  - 3. India
  - 4. Saudi Arabia

Question ID : 98958017450  
Status : Answered  
Chosen Option : 3

Q.12 In the context of the Internet, what does IP stand for?

- Ans
- 1. Internet Protocol
  - 2. Intra Propaganda
  - 3. Intra Protocol
  - 4. Internet Proposal

Question ID : 98958017438  
Status : Answered  
Chosen Option : 1

Q.13 Who among the following discovered the circulation of blood?

- Ans
- 1. William Harvey
  - 2. Florence Rena Sabin
  - 3. Ernest Heinrich Weber
  - 4. Van Leeuwenhock

Question ID : 98958017437  
Status : Answered  
Chosen Option : 4

Q.14 In 1974, the first nuclear test of Pokhran was code named as:

- Ans
- 1. Dancing Buddha
  - 2. Blessing Buddha
  - 3. Smiling Buddha

4. Laughing Buddha

Question ID : 98958017449  
Status : Answered  
Chosen Option : 3

Q.15 Which of the following trains entered its 90th year of service on 1st June 2019?

- Ans  1. Deccan Queen  
 2. The Golden Chariot  
 3. Palace On Wheels  
 4. Deccan Odyssey

Question ID : 98958017455  
Status : Answered  
Chosen Option : 2

Q.16 As of May 2019, who is the CEO of Google?

- Ans  1. Jan Koum  
 2. Satya Nadella  
 3. Sundar Pichai  
 4. Vinod Khosla

Question ID : 98958017439  
Status : Answered  
Chosen Option : 3

Q.17 Which of the following decisions was taken in the first cabinet meeting of the Narendra Modi 2.0 Government?

- Ans  1. Expansion of Ayushman Bharat Program  
 2. Scholarship to wards of martyred state police officials  
 3. Disinvestment of 10 key PSUs  
 4. Announcement of new employment policy

Question ID : 98958017454  
Status : Answered  
Chosen Option : 2

Q.18 'Silappadikaram' is a Tamil epic that was written by \_\_\_\_\_.

- Ans  1. Sattanar  
 2. Ilango Adigal  
 3. Thiruvalluar  
 4. Avvaiyar

Question ID : 98958017444  
Status : Not Answered  
Chosen Option : --

Q.19 'DhanuYatra' is an annual open air theatrical performance celebrated in \_\_\_\_\_.

- Ans  1. Uttarakhand

- 2. Odisha
- 3. Gujarat
- 4. Assam

Question ID : 98958017431  
Status : Answered  
Chosen Option : 4

Q.20 Which of the following rivers is a left bank tributary of Ganga?

- Ans
- 1. Son
  - 2. Betwa
  - 3. Ken
  - 4. Gandak

Question ID : 98958017442  
Status : Not Answered  
Chosen Option : --

Q.21 India successfully test-fired 'Nirbhay' in April 2019. It is a/an \_\_\_\_\_.

- Ans
- 1. Trans-sonic missile
  - 2. Supersonic missile
  - 3. Sub-sonic missile
  - 4. Hypersonic missile

Question ID : 98958017453  
Status : Answered  
Chosen Option : 2

Q.22 Sariska Tiger Reserve is located in \_\_\_\_\_.

- Ans
- 1. Rajasthan
  - 2. Uttarakhand
  - 3. Madhya Pradesh
  - 4. Maharashtra

Question ID : 98958017443  
Status : Answered  
Chosen Option : 1

Q.23 Who among the following is a famous Snooker player in India?

- Ans
- 1. Prajnesh Gunneswaran
  - 2. Sharath Achanta
  - 3. Pankaj Advani
  - 4. Vimal Kumar

Question ID : 98958017451  
Status : Answered  
Chosen Option : 3

Q.24 In May 2019, scientists from Council of Scientific & Industrial Research's (CSIR)-Centre for

Cellular and Molecular Biology in Hyderabad, for the first time, sequenced the entire genome of \_\_\_\_\_.

- Ans
- 1. Elephant
  - 2. Asiatic Lion
  - 3. Lion-tailed Macaque
  - 4. Nilgiri Tahr

Question ID : 98958017435  
Status : Answered  
Chosen Option : 1

Q.25 Who among the following was known as 'Devanam Piya'?

- Ans
- 1. Kanishka
  - 2. Amoghavarsha
  - 3. Ashoka
  - 4. Kharavela

Question ID : 98958017445  
Status : Not Answered  
Chosen Option : --

Section : Quantitative Aptitude

Q.1 The perimeter of  $\Delta ABC$  is 24 cm and its side,  $BC = 9$  cm.  $AD$  is the bisector of  $\angle BAC$ , while  $I$  is the incentre.  $AI : ID$  is equal to:

- Ans
- 1. 7 : 5
  - 2. 5 : 2
  - 3. 3 : 2
  - 4. 5 : 3

Question ID : 98958017422  
Status : Not Answered  
Chosen Option : --

Q.2 A man loses 20% by selling an article for ₹96. For what amount should he have sold the article to gain 15%?

- Ans
- 1. ₹120
  - 2. ₹115
  - 3. ₹138
  - 4. ₹140

Question ID : 98958017412  
Status : Answered  
Chosen Option : 3

Q.3

The given Bar Graph presents the sale of a particular brand of car by three showrooms, A, B and C (in multiples of 100) during the months Jan, Feb, Mar and Apr, 2016.



If the cars sold by A and B are all found to be in perfect order, but the cars sold by C were found to be defective to the extent of 15%, 10%, 8% and 6%, respectively in Jan, Feb, Mar and Apr 2016. What is the percentage of defective cars sold by all showrooms during Apr, 2016?

- Ans
- 1.  $4\frac{4}{9}$
  - 2.  $1\frac{3}{7}$
  - 3.  $2\frac{4}{9}$
  - 4.  $7\frac{2}{3}$

Question ID : 98958017430  
Status : Not Answered  
Chosen Option : --

Q.4 The difference between the compound interest and the simple interest on a sum at 10% p.a. for three years is ₹155. The sum (in ₹) is:

- Ans
- 1. 5,500
  - 2. 6,000
  - 3. 6,600
  - 4. 5,000

Question ID : 98958017414  
Status : Answered  
Chosen Option : 4

Q.5 An inlet pipe can fill a tank in 10 hours and an outlet pipe can empty the completely filled tank in 20 hours. Both the pipes are opened at 6.30 a.m. When will the tank get filled?

- Ans
- 1. 2.30 a.m. next day
  - 2. 2 a.m. next day
  - 3. 1 a.m. next day
  - 4. 12.00 midnight

Question ID : 98958017406  
Status : Answered  
Chosen Option : 1

Q.6

Two chords, AB and CD of circle meet at a point O, outside the circle. It is given that AB = 7 cm, CD = 4 cm, OB = 5 cm. What is the length of OD?

- Ans
- 1. 5 cm
  - 2. 6 cm
  - 3. 7.5 cm
  - 4. 10 cm

Question ID : 98958017421  
Status : Answered  
Chosen Option : 3

Q.7 For all  $\alpha_i$ 's, ( $i = 1, 2, 3, \dots, 20$ ) lying between  $0^\circ$  and  $90^\circ$ , it is given that,  $\cos \alpha_1 + \cos \alpha_2 + \cos \alpha_3 + \dots + \cos \alpha_{20} = 20$ . What is the value of  $(\alpha_1 + \alpha_2 + \alpha_3 + \dots + \alpha_{20})$ ?

- Ans
- 1.  $900^\circ$
  - 2.  $1800^\circ$
  - 3.  $0^\circ$
  - 4.  $20^\circ$

Question ID : 98958017424  
Status : Not Answered  
Chosen Option : --

Q.8 A square has been inscribed in a circle. What is the ratio of the length of a side of the square to the radius of the circle?

- Ans
- 1. 2 : 1
  - 2.  $1:\sqrt{2}$
  - 3. 1 : 2
  - 4.  $\sqrt{2} : 1$

Question ID : 98958017420  
Status : Answered  
Chosen Option : 4

Q.9 If  $(1.25)(1 - 6.4 \times 10^{-5}) = 1.2496 + a$ , then  $a$  is equal to:

- Ans
- 1. 0.0016
  - 2. 0.00016
  - 3. 0.0032
  - 4. 0.00032

Question ID : 98958017418  
Status : Answered  
Chosen Option : 4

Q.10

The given Bar Graph presents the sale of a particular brand of car by three showrooms, A, B and C (in multiples of 100) during the months Jan, Feb, Mar and Apr, 2016.



What is the ratio of number of cars sold by A in Jan-Feb, 2016 to that of cars sold by B during Mar-Apr, 2016?

- Ans
- 1. 5 : 8
  - 2. 8 : 17
  - 3. 12 : 19
  - 4. 10 : 19

Question ID : 98958017428  
 Status : Answered  
 Chosen Option : 4

Q.11 The volume of a right circular cone is equal to that of a sphere, whose radius is half the radius of the base of the cone. What is the ratio of the radius of the base to the height of the cone?

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

Question ID : 98958017408  
 Status : Answered  
 Chosen Option : 4

Q.12 If  $(a + b + 4)(ab + 4(a + b)) - 4ab = 0$ , and  $a \neq -4, b \neq -4$ , then,  $\left\{ \frac{1}{(a+b+4)^{117}} - 2^{-234} \right\}$  is equal to:

- Ans
- 1.  $\frac{1}{4^{117}}$
  - 2.  $\frac{1}{2^{117}}$
  - 3.  $-\frac{1}{2^{234}}$
  - 4. 0

Question ID : 98958017419  
 Status : Not Answered  
 Chosen Option : --

Q.13

The simplified value of

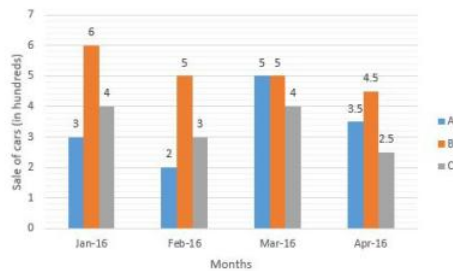
$$\frac{2}{3} \div \left\{ \frac{3}{7} \text{ of } \frac{14}{5} \times 1\frac{2}{3} - \left( 3\frac{1}{2} - 2\frac{1}{6} \right) \right\} \text{ is:}$$

Ans

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

Question ID : 98958017416  
Status : Answered  
Chosen Option : 2

Q.14 The given Bar Graph presents the sale of a particular brand of car by three showrooms, A, B and C (in multiples of 100) during the months Jan, Feb, Mar and Apr, 2016.



What was the average number of cars sold by A during Feb-Apr, 2016?

- Ans
- 1. 375
  - 2. 350
  - 3. 250
  - 4. 300

Question ID : 98958017427  
Status : Answered  
Chosen Option : 2

Q.15 For  $0^\circ < \theta < 90^\circ$ ,  $\tan\theta + \cot\theta = 2.\theta$  is equal to:

- Ans
- 1.  $30^\circ$
  - 2.  $60^\circ$
  - 3.  $45^\circ$
  - 4.  $0^\circ$

Question ID : 98958017426  
Status : Answered  
Chosen Option : 3

Q.16

The given Bar Graph presents the sale of a particular brand of car by three showrooms, A, B and C (in multiples of 100) during the months Jan, Feb, Mar and Apr, 2016.



If the cars sold by A and B are all found to be in perfect order, but the cars sold by C were found to be defective to the extent of 15%, 10%, 8% and 6%, respectively in Jan, Feb, Mar and Apr 2016, then what is the ratio of non-defective cars sold by C to that of all cars sold by A and B during Jan-Mar 2016?

- Ans
- 1. 177 : 1400
  - 2. 384 : 1385
  - 3. 489 : 1300
  - 4. 255 : 1348

Question ID : 98958017429  
Status : Not Answered  
Chosen Option : --

Q.17 Given,  $a + \frac{1}{a} = 2$ , what is the value of

$$\left(a^{118} + \frac{1}{a^{117}}\right)?$$

- Ans
- 1. 118
  - 2. 1
  - 3. 2
  - 4. 117

Question ID : 98958017417  
Status : Answered  
Chosen Option : 3

Q.18 For a number, greater than one, the difference between itself and its reciprocal is 20% of the sum of itself and its reciprocal. By how much percentage (nearest to an integer) is the square of the number less than its cube?

- Ans
- 1. 122
  - 2. 18
  - 3. 81
  - 4. 33

Question ID : 98958017411  
Status : Not Answered  
Chosen Option : --

Q.19 ABCD is a rhombus with each side being equal to 8 cm. If  $BD = 10$  cm,  $AC = 2\sqrt{x}$  cm, what is the value of  $\sqrt{x+10}$ ?

- Ans
- 1.  $2\sqrt{3}$

- 2.  $3\sqrt{2}$
- 3. 7
- 4. 5

Question ID : 98958017423  
Status : Answered  
Chosen Option : 1

Q.20 What is the ratio between the fourth proportional of 3, 4, 9 and the mean proportional between 2 and 98?

- Ans
- 1. 7 : 8
  - 2. 7 : 6
  - 3. 8 : 7
  - 4. 6 : 7

Question ID : 98958017413  
Status : Not Answered  
Chosen Option : --

Q.21 The 10-digit number  $79x00001y6$  is exactly divisible by 88. What is the value of  $(x + y)$ ?

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

Question ID : 98958017415  
Status : Answered  
Chosen Option : 2

Q.22 The average of a series of 21 numbers is equal to 43. The average of the first eleven of them is 33. The average of the last eleven numbers is 53. The eleventh number of the series is:

- Ans
- 1. 43
  - 2. 47
  - 3. 33
  - 4. 46

Question ID : 98958017409  
Status : Answered  
Chosen Option : 1

Q.23 A shopkeeper decides to raise the marked price of an article by 10%. How much discount should he allow so as to be able to sell the article at the original marked price?

- Ans
- 1.  $9\frac{1}{11}\%$
  - 2.  $8\frac{1}{9}\%$
  - 3.  $9\frac{1}{2}\%$
  - 4. 10%

Question ID : 98958017410  
Status : Answered  
Chosen Option : 4

Q.24 What is the simplified value of

$$\left( \frac{\sin^2 31^\circ + \sin^2 59^\circ}{\sec^2 35^\circ - \cot^2 55^\circ} + \tan 29^\circ \cot 61^\circ - \operatorname{cosec}^2 61^\circ \right) ?$$

- Ans
- 1. 0
  - 2. -1
  - 3.  $\frac{1}{2}$
  - 4. 1

Question ID : 98958017425  
Status : Answered  
Chosen Option : 1

Q.25 A train goes from P to Q with a speed  $u$  km/h, then from Q to R ( $QR = 2PQ$ ) with a speed  $3u$  km/h, and returns from R to P with a speed  $\frac{u}{2}$  km/h. What is the average speed (in km/h) of the train for the entire journey starting from P and back to P?

- Ans
- 1.  $\frac{18u}{23}$
  - 2.  $\frac{4u}{3}$
  - 3.  $\frac{16u}{23}$
  - 4.  $\frac{3u}{2}$

Question ID : 98958017407  
Status : Answered  
Chosen Option : 1

Section : English Language

Q.1 Select the most appropriate antonym of the given word.

GAUNT

- Ans
- 1. lean
  - 2. bent
  - 3. plump
  - 4. old

Question ID : 98958016340  
Status : Answered  
Chosen Option : 3

Q.2 Identify the segment in the sentence which contains the grammatical error.

The little boy was so busy playing with his toy train that he do not even look up at us.

- Ans
- 1. busy playing with
  - 2. he do not even
  - 3. his toy train
  - 4. look up at us

Question ID : 98958016324  
Status : Answered  
Chosen Option : 2

Q.3 Given below are four jumbled sentences. Out of the given options pick the one that gives their correct order.

- A. Baskets and carts flooded the street turning it into a mobile market.
- B. Hearing their cries people with bags started coming out from their houses.
- C. Suddenly the street came alive.
- D. From one end to the other cries of the vendors rent the air.

- Ans
- 1. CADB
  - 2. ABDC
  - 3. DACB
  - 4. CBAD

Question ID : 98958016336  
Status : Answered  
Chosen Option : 1

Q.4 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.

After going through their brochure I has decided to make a donation to help their campaign.

- Ans
- 1. I decided to make a donation to help
  - 2. No improvement
  - 3. I decide to make a donation for helping
  - 4. I decided for making a donation to help

Question ID : 98958016329  
Status : Answered  
Chosen Option : 1

Q.5 Select the wrongly spelt word.

- Ans
- 1. opulence
  - 2. oppression
  - 3. oppurtunity
  - 4. opposition

Question ID : 98958016347  
Status : Answered  
Chosen Option : 3

Q.6 Select the most appropriate meaning of the given idiom

in a nutshell

- Ans
- 1. add nuts into something
  - 2. put everything in a shell
  - 3. packed very tightly
  - 4. express very briefly

Question ID : 98958016343  
Status : Answered  
Chosen Option : 4

Q.7 Select the correct indirect form of the given sentence.

Mahesh said to the interviewer, "Sir, I was in charge of the production unit at my previous office."

- Ans
- 1. Mahesh told the interviewer that Sir was in charge of the production unit at my previous office.
  - 2. Mahesh told the interviewer I was in charge of the production unit at his previous office.
  - 3. Mahesh told the interviewer you were in charge of the production unit at my previous office.
  - 4. Mahesh told the interviewer that he had been in charge of the production unit at his previous office.

Question ID : 98958016327  
Status : Answered  
Chosen Option : 4

Q.8 Select the most appropriate word to fill in the blank.

A fresh interest rate cut by the Reserve Bank of India would largely \_\_\_\_\_ on how the monsoon turns out in the months ahead.

- Ans
- 1. depend
  - 2. determine
  - 3. define
  - 4. demonstrate

Question ID : 98958016349  
Status : Answered  
Chosen Option : 1

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

- A. Today flax is used to make fine linen fabric.
- B. The Neolithic man first clad himself with animal skins.
- C. He also used flax which had a good fibre for making cloth.
- D. But in those days cloth made of flax must have been very rough.

- Ans
- 1. CADB
  - 2. BDAC
  - 3. DABC
  - 4. BCDA

Question ID : 98958016337  
Status : Answered

Chosen Option : 4

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

VIRULENT

- Ans
- 1. dangerous
  - 2. amicable
  - 3. lethal
  - 4. powerful

Question ID : 98958016341

Status : Answered

Chosen Option : 2

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

be an open book

- Ans
- 1. one about whom it is easy to know everything
  - 2. one who advises others to be frank and unsecretive
  - 3. one who is fond of reading even when travelling
  - 4. one who has written an examination without preparation

Question ID : 98958016342

Status : Answered

Chosen Option : 1

Q.12 Select the correctly spelt word.

- Ans
- 1. tantative
  - 2. substentive
  - 3. remunerative
  - 4. speculetive

Question ID : 98958016346

Status : Answered

Chosen Option : 3

Q.13 Select the most appropriate word for the given group of words

A game in which no one wins

- Ans
- 1. conquest
  - 2. draw
  - 3. triumph
  - 4. feat

Question ID : 98958016344

Status : Answered

Chosen Option : 2

Q.14 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.

The government has adopted a tough stance with respect of terror and security.

- Ans
- 1. in respect of
  - 2. about respect to
  - 3. No improvement
  - 4. with respect to

Question ID : 98958016328  
Status : Answered  
Chosen Option : 4

Q.15 Identify the segment in the sentence which contains the grammatical error.

We will use enamel paint on this wall because it gives a best finish.

- Ans
- 1. enamel paint on this wall
  - 2. We will use
  - 3. a best finish
  - 4. because it gives

Question ID : 98958016325  
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.

With the groundwater table receding alarmingly, an ostrich mentality will only increase water woes. Deficit rainfall (1) \_\_\_\_\_ indiscriminate extraction of ground water (2) \_\_\_\_\_ two major reasons for (3) \_\_\_\_\_ situation. Government must promote (4) \_\_\_\_\_ harvesting and conservation. Citizens must (5) \_\_\_\_\_ learn to use water judiciously or else the State will run out of water like Cape Town.

**SubQuestion No : 16**

Q.16 Select the most appropriate option to fill in blank No.1.

- Ans
- 1. and
  - 2. but
  - 3. unless
  - 4. also

Question ID : 98958016331  
Status : Answered  
Chosen Option : 1

**Comprehension:**

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

With the groundwater table receding alarmingly, an ostrich mentality will only increase water woes. Deficit rainfall (1) \_\_\_\_\_ indiscriminate extraction of ground water (2) \_\_\_\_\_ two major reasons for (3) \_\_\_\_\_ situation. Government must promote (4) \_\_\_\_\_ harvesting and conservation. Citizens must (5) \_\_\_\_\_ learn to use water judiciously or else the State will run out of water like Cape Town.

**SubQuestion No : 17**

Q.17 Select the most appropriate option to fill in blank No.2.

- Ans
- 1. was
  - 2. be

3. is

4. are

Question ID : 98958016332  
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.

With the groundwater table receding alarmingly, an ostrich mentality will only increase water woes. Deficit rainfall (1) \_\_\_\_\_ indiscriminate extraction of ground water (2) \_\_\_\_\_ two major reasons for (3) \_\_\_\_\_ situation. Government must promote (4) \_\_\_\_\_ harvesting and conservation. Citizens must (5) \_\_\_\_\_ learn to use water judiciously or else the State will run out of water like Cape Town.

**SubQuestion No : 18**

**Q.18 Select the most appropriate option to fill in blank No.3.**

Ans  1. the

2. those

3. a

4. their

Question ID : 98958016333  
Status : Answered  
Chosen Option : 1

**Comprehension:**

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

With the groundwater table receding alarmingly, an ostrich mentality will only increase water woes. Deficit rainfall (1) \_\_\_\_\_ indiscriminate extraction of ground water (2) \_\_\_\_\_ two major reasons for (3) \_\_\_\_\_ situation. Government must promote (4) \_\_\_\_\_ harvesting and conservation. Citizens must (5) \_\_\_\_\_ learn to use water judiciously or else the State will run out of water like Cape Town.

**SubQuestion No : 19**

**Q.19 Select the most appropriate option to fill in blank No.4.**

Ans  1. crop

2. seed

3. soil

4. water

Question ID : 98958016334  
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.

With the groundwater table receding alarmingly, an ostrich mentality will only increase water woes. Deficit rainfall (1) \_\_\_\_\_ indiscriminate extraction of ground water (2) \_\_\_\_\_ two major reasons for (3) \_\_\_\_\_ situation. Government must promote (4) \_\_\_\_\_ harvesting and conservation. Citizens must (5) \_\_\_\_\_ learn to use water judiciously or else the State will run out of water like Cape Town.

**SubQuestion No : 20**

Q.20 Select the most appropriate option to fill in blank No.5.

- Ans
- 1. although
  - 2. already
  - 3. anyhow
  - 4. also

Question ID : 98958016335  
Status : Answered  
Chosen Option : 4

Q.21 Select the most appropriate word for the given group of words

A strong and fast moving stream of water

- Ans
- 1. rivulet
  - 2. creek
  - 3. torrent
  - 4. trickle

Question ID : 98958016345  
Status : Not Answered  
Chosen Option : --

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

The pilgrims grew increasingly aware of the \_\_\_\_\_ of sacred Buddhist texts in the Chinese language and decided to travel to India in search of them.

- Ans
- 1. persistence
  - 2. parity
  - 3. preference
  - 4. paucity

Question ID : 98958016348  
Status : Answered  
Chosen Option : 2

Q.23 Select the most appropriate synonym of the given word.

MINIATURE

- Ans
- 1. diminutive
  - 2. mammoth
  - 3. colossal
  - 4. gigantic

Question ID : 98958016338  
Status : Answered  
Chosen Option : 1

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

CAMOUFLAGE

- Ans
- 1. exhibit
  - 2. disguise

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3. divulge

4. expose

Question ID : 98958016339  
Status : Answered  
Chosen Option : 2

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

The cyclone has damaged several crops.

- Ans
- 1. Several crops are being damaged by the cyclone.
  - 2. Several crops had been damaged by the cyclone.
  - 3. Several crops have been damaged by the cyclone.
  - 4. Several crops have damaged the cyclone.

Question ID : 98958016326  
Status : Answered  
Chosen Option : 2

