

Time : 3 Hrs

Max. Marks 100

Instructions to candidates:-

1. Question Paper has two(2) parts :-
  - **Part - A** : This part consists of 25 MCQ questions. All Question are compulsory. Each question carries 2 marks for correct response, - 1/2 mark for incorrect response and 0 for no response.
  - **Part - B** : This part consists of two sections. **Section (I)** has 15 MCQ questions. All Questions are compulsory. Each question carries 2 marks for correct response, - 1/2 mark for incorrect response and 0 for no response.
  - **Section (II)** of Part-B has three questions. Marks against each questions are shown along with the questions.
  - The answer to the MCQ shall be written as - a), b), c) or d)
2. The examinees have the option of attempting either Part B (English) or भागब (हिंदी) of this question paper. The examinees should write at the beginning of Part B/भागब - **Part B - English** or भागब - हिंदी as per their choice.

Part - A

1.  $\sqrt{12} \times \sqrt{15}$  is equal to
  - a)  $5\sqrt{6}$
  - b)  $6\sqrt{5}$
  - c)  $10\sqrt{5}$
  - d)  $\sqrt{25}$
2. 'A' does work in 10 days and 'B' does the same work in 15 days. In how many days they together will do the same work?
  - a) 5 days
  - b) 6 days
  - c) 7 days
  - d) 8 days



9. A TV purchased at Rs. 5000 and sold at Rs. 4000. Find the loss percent

- a) 10%
- b) 20%
- c) 25%
- d) 28%

10.  $\frac{1}{2}$  is what percent of  $\frac{1}{3}$ ?

- a) 50%
- b) 100%
- c) 125%
- d) 150%

11. The ratio of the numbers of boys and girls in college is 7:8. If the percentage increase in the number of boys and girls be 20% and 10% respectively what will be the new ratio.

- a) 8:9
- b) 17:18
- c) 21:22
- d) Cannot be determined.

12. Which of the following is the value of x such that  $5x-12 = -2$

- a) 2
- b) -2
- c)  $\frac{2}{3}$
- d) 10

13. The average weight of a group of boys and girls is 38 kg. The average weight of boys is 42 kg and that of girls is 33 kg. If the number of boys is 25, then the number of girls is :

- a) 20
- b) 33
- c) 38
- d) 22

14. The average age of 40 boys in a class is 16.95 years. By the addition of a new boy, the average age of the class is raised to 17 years. What is the age of the new boy?

- a) 18 years
- b) 19 years
- c) 20 year
- d) 16 years

15. Difference between compound interest and simple interest is Rs. 3375 in 2 years and the rate of interest is 15%. Find the principal amount.

a) 1,50,000

b) 1,00,000

c) 1,60,000

d) 2,00,000

16.  $20 + 9 + \frac{4}{100}$  is equal to

a) 29.04

b) 29.40

c) 2940

d) 0.2940

17. When a shopkeeper reduces the selling price of article from 1180 to 1126 his loss increase by 5%. What is the cost price of article.

a) 1050

b) 1060

c) 1070

d) 1080

18. A train running at the speed of 60 km/hour crosses a pole in 9 seconds. What is the length of the train. [www.postaffaire.com](http://www.postaffaire.com)

a) 120 meter

b) 150 meter

c) 324 meter

d) 150 meter

19. Find the value of Y

$$5\frac{1}{2} - 3\frac{4}{9} + Y = \frac{7}{3} \times 4\frac{1}{6}$$

a) 8

b) 9

c) 7

d) 6

20. HCF of 8, 9, 25 is equal to

a) 8

b) 9

c) 25

d) 1





24. A cumulative frequency distribution is given below:

Class	40-42	43-45	46-48	49-51	52-54	55-57
Cumulative Frequency	6	14	24	35	49	61

Which of the classes has maximum frequency

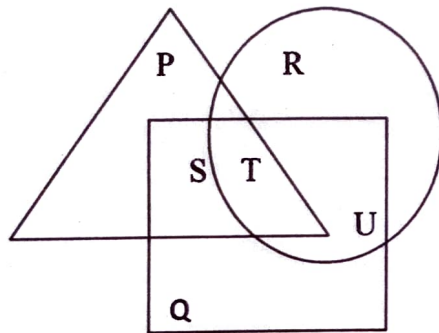
a) 55-57

b) 46-48

c) 49-51

d) 52-54

25. In the figure given below, square represents doctors, triangle represents ladies and circle represents surgeon. By which letter the ladies who doctor and surgeon both are represented.



a) U

b) S

c) T

d) Q

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**Part B**

**(Section -I)**

1. Arrange the words given below in a meaningful sequence:

1. Poverty                      2. Population                      3. Death  
4. Unemployment                      5. Disease

- a) 2, 3, 4, 5, 1  
b) 3, 4, 2, 5, 1  
c) 2, 4, 1, 5, 3  
d) 1, 2, 3, 4, 5

2. Fill in the blanks to make the sentence correct

This is one of the most difficult questions that ..... ever been asked.

- a) is                      b) are  
c) has                      d) am

3. Fill in the blanks to make the sentence correct.

Lata passed me ..... her bicycle.

- a) at                      b) in  
c) above                      d) on

4. Raman ..... in the ground since morning.

- a) has been playing                      b) is playing  
c) was playing                      d) has played



5. The phrase “ Lions share” means

- a) Look angrily
- b) Minor share
- c) Major share
- d) Heart of the prey

6. The phrase “ To add fuel to fire” means

- a) In disorder
- b) To be in confusion
- c) Pure water
- d) To aggravate some matter

7. The opposite of word “ PRIDE” is

- a) Dignity
- b) Delight
- c) Debasing
- d) Shame

8. The synonym of the word “CHASTE” is

- a) Liberated
- b) Divine
- c) Pure
- d) Defiled

9. Which part of speech do the bold underlined word show.

He reads a paper **everyday**

- a) Pronoun
- b) Verb
- c) Noun
- d) Adverb

10. Find the appropriate word that best represents the given set of words.

**“One who able to use the right and left hands equally well”**

- a) Sinister
- b) Ambivalent
- c) Ambidextrous
- d) Amateur

11. Find the appropriate word that best represents the given set of words.

**“A remedy of all diseases”**

- |               |              |
|---------------|--------------|
| a) Panacea    | b) Narcotics |
| c) Antibiotic | d) Lyric     |

12. You are required to rearrange these parts, which are labelled P, Q, R and S to produce the correct sentence.

(P) by an emperor named Shah Jahan

(Q) The Taj Mahal is a

(R) in memory of his wife Mumtaz Mahal

(S) beautiful monument built in 1631

- |         |         |
|---------|---------|
| a) QPRS | b) QSRP |
| c) PQRS | d) QSPR |

**Read the following passage carefully and choose the correct answer of Question numbers 13, 14 and 15 given below:-**

Acquired Immune Deficiency Syndrome i.e. AIDS is one of the latest medical tragedies that has become the dominant health concern. It was not known before 1981 and even now there is a lot about it that we don't know. It is not a disease, but a condition caused by a virus known as HIV (Human Immune Deficiency Virus). It attaches itself to the genetic material of the human cells and infects it. Human body is infected by HIV in three ways: unsafe sexual relation with an infected person, transmitted through infusion of blood or blood products and transmitted by HIV infected mother to the newborn child before during and after birth. Once the person is infected, the immune system of the person will be completely destroyed and will eventually fall prey to any disease. AIDS has no cure and there is no vaccine that can prevent HIV infection so far. The only way to be away from AIDS and to prevent HIV transmission is the 'safe behaviour' of the human beings. Use of disposable syringe is one of the way.

**13. The latest medical tragedy AIDS affects:**

- a) Digestive system
- b) Lavatory system
- c) Blood circulatory system
- d) Immune system

**14. AIDS is caused by virus known as :**

- a) MERS
- b) HIR
- c) HIV
- d) MIV

**15. The word 'disposable' here means:**

- a) To be packed in a box
- b) To be had in a store
- c) To be cleaned after use
- d) To be thrown after use

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1. Write Précis of following paragraph in 70 words--

When we survey our lives and efforts we soon observe that almost the whole of our actions and desires are bound up with the existence of other human beings. We notice that whole nature resembles that of the social animals. We eat food that others have produced, wear clothes that others have made, live in houses that others have built. The greater part of our knowledge and beliefs has been passed on to us by other people through the medium of a language which others have created. Without language and mental capacities, we would have been poor indeed comparable to higher animals. We have, therefore, to admit that we owe our principal knowledge over the least to the fact of living in human society. The individual if left alone from birth would remain primitive and beast like in his thoughts and feelings to a degree that we can hardly imagine. The individual is what he is and has the significance that he has, not much in virtue of the individuality, but rather as a member of a great human community, which directs his material and spiritual existence from the cradle to grave.

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2. Draft an official letter to Sr.DDG(PAF), Department of Posts, New Delhi requesting him for conduct of LDCE AAO Examination at every two years to mitigate the shortage of AAO in the Department. (The name of the person writing letter shall be XYZ and office where working shall be O/O the DAP, Ranchi). ( 200 Words)

( 7 Marks)

3. Write a note with justification regarding expansion of mobile and internet services scheme supported by Universal Service Obligation Fund(USOF) to rural areas of 112 backward districts. The project is to be supported for 60 months for 20 sites installed between 2022 and 2023 in the rural areas of backward districts. The support shall be meant for running expenses per site @ Rs. one lakh/site. Proposal should be put up for in principal approval of competent authority.

(6 Marks)