**Practice Paper 5**

Questions = 55

Time limit = 60 minutes

**Section 1: English**

**Directions for Questions 1-3 :** Choose the option which will correctly fill the blank.

1. If you look \_\_\_ the window you can see the traffic moving \_\_\_\_\_\_ the road \_\_\_ a fast pace

A. at, across, in B. through, along, at

C. over, across, at D. at, along, in

2. Sheela ran blindly\_\_\_\_ the road and was nearly knocked \_\_\_\_\_\_\_ \_\_\_\_\_ a lorry.

A. at, out, in B. across, along, at

C. through, across, at D. across, down, by

3. I stood \_\_\_\_\_\_\_\_ the bridge and watched the flowing water \_\_\_it and the sky \_\_\_\_.

A. on, under, above B. across, under, at

C. through, under, above D. on, down, above

**Directions for Questions 4-6**: Choose the word nearest in meaning to the word in ITALICS from the given options

4. A bone got stuck in his *gullet.*

A. Chest B. Throat C. Stomach D. Molars

5. It is a *scandal* that the murderer was declared innocent.

A. talk B. Disgraceful action C. Rumour D. Silly notion

6. The police need *tangible* proof of his guilt before they can act against him.

A. Emphatic B. Convincing C. Clear and certain D. Strong

**Directions for Questions 7-10:** Choose the answer option which will correctly fill the blank.

7. I saw \_\_\_\_\_ man walking along \_\_\_ road. He was not \_\_\_\_\_ ordinary man

A. the,the,a B. a,the,a C. the, a, an D. a, the, an

8. Yesterday I heard \_\_\_ interesting story which is \_\_\_ best I have ever heard.

A. a, an B. the,a C. an, the D. the, an

9. What \_\_\_\_\_ strange name to give \_\_\_\_ cat

A. a,a B. a,an C. a,the D. the, an

10. \_\_\_ postman has put \_\_\_\_ letter under \_\_\_ door

A. the,the,the B. a,the,a C. the, a, the D. a, the, an

**Directions for Questions 11-16:** Read the passage and answer the questions that follow on the basis of the information provided in the passage.

The pioneers of the teaching of science imagined that its introduction into education would remove the conventionality, artificiality, and backward-lookingness which were characteristics of classical studies, but they were gravely disappointed. So, too, in their time had the humanists thought that the study of the classical authors in the original would banish at once the dull pedantry and superstition of mediaeval scholasticism. The professional schoolmaster was a match for both of them, and has almost managed to make the understanding of chemical reactions as dull and as dogmatic an affair as the reading of Virgil's Aeneid. The chief claim for the use of science in education is that it teaches a child something about the actual universe in which he is living, in making him acquainted with the results of scientific discovery, and at the same time teaches him how to think logically and inductively by studying scientific method. A certain limited success has been reached in the first of these aims, but practically none at all in the second. Those privileged members of the community who have been through a secondary or public school education may be expected to know something about the elementary physics and chemistry of a hundred years ago, but they probably know hardly more than any bright boy can pick up from an interest in wireless or scientific hobbies out of school hours. As to the learning of scientific method, the whole thing is palpably a farce. Actually, for the convenience of teachers and the requirements of the examination system, it is necessary that the pupils not only do not learn scientific method but learn precisely the reverse, that is, to believe exactly what they are told and to reproduce it when asked, whether it seems nonsense to them or not. The way in which educated people respond to such quackeries as spiritualism or astrology, not to say more dangerous ones such as racial theories or currency myths, shows that fifty years of education in the method of science in Britain or Germany has produced no visible effect whatever. The only way of learning the method of science is the long and bitter way of personal experience, and, until the educational or social systems are altered to make this possible, the best we can expect is the production of a minority of people who are able to acquire some of the techniques of science and a still smaller minority who are able to use and develop them.

11. The author implies that the 'professional schoolmaster' has

A. no interest in teaching science

B. thwarted attempts to enliven education

C. aided true learning

D. supported the humanists

E. been a pioneer in both science and humanities.

12. The author's attitude to secondary and public school education in the sciences is

A. ambivalent B. neutral C. supportive D. satirical E. contemptuous

13. The word 'palpably' most nearly means

A. empirically B. obviously C. tentatively D. markedly E. ridiculously

14. The author blames all of the following for the failure to impart scientific method through the education system except

A. poor teaching B. examination methods

C. lack of direct experience D. the social and education systems

E. lack of interest on the part of students

15. If the author were to study current education in science to see how things have changed since he wrote the piece, he would probably be most interested in the answer to which of the following questions?

A. Do students know more about the world about them?

B. Do students spend more time in laboratories?

C. Can students apply their knowledge logically?

D. Have textbooks improved?

E. Do they respect their teachers

16. Astrology (line 31) is mentioned as an example of

A. a science that needs to be better understood

B. a belief which no educated people hold

C. something unsupportable to those who have absorbed the methods of science

D. the gravest danger to society

E. an acknowledged failure of science

**Directions for Questions 17-20:** Read the passage and answer the questions that follow on the basis of the information provided in the passage.

Certain scraps of evidence bear out those who hold a very high opinion of the average level of culture among the Athenians of the great age. Pericles's funeral speech is undoubtedly the most famous evidence from Athenian literature, that its level was indeed high. However, Pericles was a politician, and it is possible that he was flattering his audience. We know that thousands of Athenians sat hour after hour in the theater listening to the plays of the great Greek dramatists. The Greek plays, particularly the tragedies, maintained an extremely high intellectual level throughout, with no letdowns, no concessions to the lowbrows or to the demands of "realism", like the gravediggers scene in Shakespeare's Hamlet. The music and dancing seen in these plays were also of an equally high level. The best modern parallel can be seen in the restrained, difficult opera of the 18th century. The comparison is no doubt dangerous, but can you imagine almost the entire population of an American city (in suitable installments, of course) sitting through performances of Mozart's Don Giovanni or Gluck's Orpheus? Perhaps the Athenian masses went to these plays because of a lack of other amusements. They could at least understand something of what went on, since the subjects were part of their folklore. Undoubtedly the theme of grand opera is not part of the folklore of the American people.

17. From the passage it is evident that the author seems to question the sincerity of

A. politicians B. playwrights C. opera goers D. "low brows" E. gravediggers.

18. According to the author the average American

A. Enjoys Hamlet B. Loves folklore

C. Is not able to understand grand opera D. Seeks a high cultural level

E. Lacks entertainment.

19. From the passage, we can say that the author's attitude toward Greek plays is one of

A. Qualified approval B. Grudging admiration

C. Studied indifference D. Partial hostility

E. Great respect.

20. The author makes a suggestion that Greek plays

A. Were demanding on the actors B. Flattered their audiences

C. Were focused on a limited audience D. Were dominated by music and dancing

E. Stimulated their audiences.

**Section 2: Analytical Ability**

21. There are 4 boys and 3 girls. What is the probability the boys and girls sit alternately?

22. Two trains are 2 kms apart. Speed of one train is 20m/s and the other train is running at 30 m/s. Lengths of the trains are 200 and 300m. In how much time do the trains cross each other?

23. Four horses are tethered at the four corners of a square of side 14cm such that two horses along the same side can just reach each other. They were able to graze the area in 11 days. How many days will they take in order to graze the left out area?

24. Let A and B be two solid spheres such that the surface area of B is 300% higher than the surface area of A. The volume of A is found to be k% lower than the volume of B. The value of k must be

A. 85.5 B. 92.5 C. 90.5 D. 87.5

25 if the ratio of work done by (x-1) men in (x+1)days to the work done by (x+2)men in (x-1)days is 9:10, then x is equal to

A. 5 B. 6 C. 7 D. 8

26. The amount of water (in ml) that should be added to reduce 9 ml lotion, containing 50% alcohol, to a lotion containing 30% alcohol, is:

A. 5 ml B. 4 ml C. 3 ml D. 6 ml

27. The average age of 8 persons in a committee is increased by 2 years when two men aged 35 years and 45 years are substituted by two women. The average age of these two women is:

A. 52 years B. 56 years C. 48 years D. 44 years

28. A mixture of 40 liters of milk and water contains 10% water. How much water should be added to this so that water may be 20% in the new mixture?

A. 6.5 liters B. 5 liters C. 4 liters D. 7.5 liters

29. If the price of gold increases by 30%, find by how much the quantity of ornaments must be reduced so that the expenditure may remain the same as before?

A. 30% B. 23 1/3 % C. 20% D. 19%

30. A box contains 5 brown and 4 white socks. A man takes out two socks. The probability that they are of the same color is:

A. 5/18 B. 1/6 C. 5/108 D. 4/9

31. Which of the following will come in place of the Question Mark (?) in the following sequence?

6C7, 5F10, 11J14, 15O19, ?

A. 25U20 B. 20U25 C. 20U24 D. 19U25

32. If Table is called Chair, Chair is called Cot, Cot is called Pot and Pot is called Filter, where does a person sit.

A. Pot B. Cot C. Chair D. Filter

33. Pointing to a photograph Arun said, ‘she is the mother of my brother’s son’s wife’s daughter.’ How is Arun related to the lady?

A. Uncle B. Daughter-in-law C. Cousin D. None of these

34. I am facing west. I turn 45° in the clockwise direction and then 180° in same direction and then 270° anticlockwise. Which direction am I facing now?

A. South-west B. South C. West D. North-West

35. After a get-together every person present shakes the hand of every other person. If there were 105 hands-shakes in all, how many persons were present in the party?

A. 15 B. 14 C. 13 D. 16

36. Four friends were playing a game of cards sitting in a circle. Shankar was right to Ram and Gopal was left to Arvind. Which one of the following pairs were partners?

A. Ram and Shankar B. Gopal and Shankar C. Ram and Arvind D. Gopal and Ram

37. A boy goes to see a film and finds a man who is his relative. The man is the husband of the sister of his mother. How is the man related to the boy?

A. Brother B. Nephew C. Uncle D. None of these

38. In a month of 31 days, the third Wednesday falls on the 15th. What will be the last day of that month?

A. Fifth Thursday B. Fifth Wednesday C. Fourth Sunday D. Fifth Friday

39. A class consists of 100 students, 25 of them are girls and 75 boys; 20 of them are rich and remaining poor; 40 of them are fair complexioned. The probability of selecting a fair complexioned rich girl is:

A. 0.05 B. 0.04 C. 0.02 D. 0.08

40.Ram walks 10M South from his house, turns left and walks 23M. Again turns left and walks 40M, then turns right and walks 5M to reach his school. In which direction is the school from his house?

A. East B. North-East C. South-West D. North

**Section 3: Concentration**

**Directions for Questions 41-44:** Follow the directions given below to answer the questions that follow. Your answer for each question below would be: A, if ALL THREE items given in the question are exactly ALIKE. B, if only the FIRST and SECOND items are exactly ALIKE. C, if only the FIRST and THIRD items are exactly ALIKE. D, if only the SECOND and THIRD items are exactly ALIKE. E, if ALL THREE items are DIFFERENT.

41)11100110101.1110, 11100110101.1110, 1111001101.1110

A) A B) B C) C D) D E) E

42) 1156894.5656, 1156894.5656, 1158694.5656

A) A B) B C) C D) D E) E

43) 0485-2584621, 0485-2584821, 0485-2584621

A) A B) B C) C D) D E) E

44) LLEEJILLJIFIIJ, LILEEJLLJIFIIJ ,LLEEJLILJIFIIJ

A) A B) B C) C D) D E) E

**Directions for Questions 45 to 47:** Answer the questions on the basis of the information given below.

Seven varsity basketball players (A, B, C, D, E, F, and G) are to be honored at a special luncheon. The players will be seated on the dais in a row. A and G have to leave the luncheon early and so must be seated at the extreme right. B will receive the most valuable player's trophy and so must be in the centre to facilitate presentation. C and D are bitter rivals and therefore must be seated as far apart as possible.

45. Which of the following cannot be seated at either end?

A) C B) D C) F D) G

46. Which of the following pairs cannot be seated together?

A) B&D B) C&F C) D&G D) E & A

47. Which of the following pairs cannot occupy the seats on either side of B?

A) F&D B) D&E C) E&G D) C&F

**Directions for Questions 48 to 50:** Answer the questions on the basis of the information given below.

A, B, C, D, E, and F are a group of friends. There are two housewives, one professor, one engineer, one accountant and one lawyer in the group. There are only two married couples in the group. The lawyer is married to D, who is a housewife. No woman in the group is either an engineer or an accountant. C, the accountant, is married to F, who is a professor. A is married to a housewife. E is not a housewife.

48. Which of the following is one of the married couples?

A. A&B B. B&E C. D&E D. A&D

49. What is E's profession?

A. Engineer B. Lawyer C. Professor D. Accountant

50. How many members of the group are males?

A. 2 B. 3 C. 4 D. Cannot be determined.

**Directions for Questions 51-55:** Read the following information carefully and answer the questions given below:

A B D F G H and K are seven members of a family. They belong to three generations. There are two married couples belonging to two different generation. D is son of H and is married to K. F is granddaughter of B. G's father is grandfather of A. B's husband is father-in -law of K. H has only one son.

51. How is F related to G?

A. Son B. Nephew C. Niece D. data inadequate E. None of these

52. How is H related to B?

A. Father B. Father-in-law C. Uncle D. data inadequate E. None of these

53. How is K related to G?

A. Sister-in-law B. Sister C. Niece D. data inadequate E. None of these

54. Which of the following is the, pair of married ladies?

A. HK B. HD C. KF D. BF E. None of these

55. How many female members are there among them?

A. Two B. Three C. Four D. data inadequate E. None of these