2016

EDUCATION

Full Marks : 100

Pass Marks : 33

Time : Three Hours and *Fifteen Minutes

(*15 minutes are given as extra time for reading questions)

All *the questions are* **compulsory.**

The figures in the right margin indicate full marks for the questions.

GROUP–A

Answer the following questions 1 to 9 by a word/group of words/sentence. Each question carries 1 (one) mark only.

1. Who is known as the father of modern Educational Psychology ?   1

2. Stages of adolesence are a period of great "stress and storm". Who said this ?   1

3. What are the dominant genes ?   1

4. Suggest *one* way to ensure future mental and intellectual development of an infant .   1

Contd.

5. Write the definition of attention given by JAMES S. ROSS. 1

6. How habit is differentiated from reflexe ? 1

7. Why is it necessary to create motivation in learning ? 1

8. What is gregarious instinct ? 1
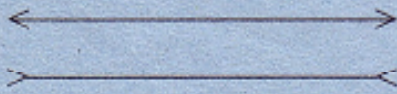
9. Write *one* primary emotion of a child. 1

For question 10 to 13, rewrite the sentence by filling the gap with the appropriate word/words/name from the given alternatives against the respective sentences.

10. According to _____ educational psychology is that branch of psychology which deals in teaching and learning. (Skinner / Woodworth / James S. Ross) 1

11. The Vitreous humor/humour is situated in the _____. (eye / ear / nose) 1

12. Traits are transmitted from one generation to the next generation through _____. (chromosomes / blood / genes) 1

13. Mc Dougall believes that every instinct is connected with a specific _____. (reflex action / emotion / feeling) 1

Answer the following questions (14 to 19) in not more than 40 words each.

14. This is Muller-Layer illusion diagram

    Which of the two lines in this diagram seems longer ? Give two reasons.

    1+2=3

15. What is biological heredity ?   3

16. Write *three* conditions which are essential for human growth.   3

17. Suggest *three* provisions, by which you can help in removing the social problems of adolescence.   3

18. What is enforced non-volitional attention ?   3

19. How would you sublimate the combating instinct of your younger brother ?

                                                                        3

Answer the following questions (20 to 24) in not more than 50 words each.

20. Write *any four* dissimilarities between Perception and Sensation.   4

21. Draw a rough diagram of a human body and indicate therein the following :

    4

    i) Pancreas

    ii) Thyroid and

    iii) Adrenal glands

22. Suggest *four* steps by which you can form a good habit of practicing yoga daily in the morning.

    4

23. Write the definitions of instinct and emotion as given by W. Mc Dougall.

    4

24. Suggest *any four* methods by which you can measure the personality of a student.

    4

Answer the following questions (25 to 27) in not more than 100 to 150 words each.

25. Write the gradual evolution in definition of psychology.

    8

26. What according to G. F. Stout, a British psychologist, are the marks of good memory ?

    8

27. What is the definition of intelligence as stated by William Stern? Write *any six* characteristics of the intelligence.

    2+6=8

GROUP – B

Answer the following questions (28 to 31). Each question carries 1 (one) mark only.

28. What is the median value for this set of scores? 7, 8, 9, 10, 11, 12. 1

29. How is cumulative frequency determined in a frequency distribution table ?

    1

30. The median is a measure of _____ tendency. 1

    (central / upper / bottom)

31. The formula for mode is _____. 1

    (3 Median-2Mean / 3Mean-2Median / 3Median-Mean)

Answer the following questions.

32. State *three* advantages or uses of arranging scores in a frequency distribution table. 3

33. What is statistics according to Seligman ? 3

34. Write *three* uses of Statistics for the teachers in Education. 3

35. The weight of 65 students in a class is given by the following table:

Weight in Kg	Frequency
50-60	8
60-70	10
70-80	16
80-90	14
90-100	10
100-110	5
110-120	2
N=	65

Draw a frequency polygon using the above table. Use graph paper. 4

36. Calculate Mean, Median and Mode from the following frequency distribution. Use the short-cut method in calculating the mean.   8

Class interval	f
140-144	1
145-149	2
150-154	4
155-159	5
160-164	8
165-169	10
170-174	6
175-179	4
180-184	4
185-189	2
190-194	3
195-199	1
N=	50