

2018

EDUCATION

Full Marks : 100

Pass Marks : 33

Time : Three hours

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. Why is Psychology known as a positive science? 1
2. How is a Zygote formed? 1
3. What is a long term memory? 1
4. How habits are differentiated from reflexes? 1
5. What is gregarious instinct? 1
6. Can instinct be completely removed by using disuse method? 1
7. What is the meaning of 'persona'? 1
8. Write one difference between 'g' factor and 's' factor? 1
9. Suggest one intelligent test which can test intelligence of deaf and dumb children. 1

For questions 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. Educational psychology deals with the _____ of students.
(learning/character/personality) 1
11. The innate tendency of offspring to resemble their parents is called _____ . (heredity/inheritance/resemblance) 1
12. E.L. Thorndike's Trial and Error method of learning is based on the theory of _____ . (Classical conditioning, Operant conditioning, Connectionism) 1
13. _____ theory advocates that emotion spring from physiological reaction. (Spearman's/ James-Lange/ Cannon-Bard) 1

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

14. Write any three roles of environment in the growth and development of a child? 3
15. What is motivation in learning ? 3
16. What according to Mc Dougall are the accompanying emotions of the following three instincts? (Escape, Curiosity, Construction.) 3
17. Write Terman's range of IQ for Genius, Superior intelligence and Average intelligence. 3
18. Write three characteristics of an extrovert personality ? 3
19. How would you modify the personality of a habitual liar child ? 3

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

20. Draw a neat diagram of human eye. Indicate in it (i) Cornea (ii) Retina. 2+1+1=4

21. What is biological heredity ? 4
22. What are the *four* main aspects of mental development ? 1+1+1+1=4
23. Write *four* steps to overcome forgetting. 1+1+1+1=4
24. Write *four* measures which can remove inferiority complex from student's mind in the classroom. 1+1+1+1=4

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

25. What is educational psychology ? Discuss *six* important scope of educational psychology. 2+6=8
26. What is conception ? How would you distinguish perception from conception ? 3+5=8
27. As a teacher how would you apply E.L. Thondrike's major laws of learning in the class room activity ? What are the limitations of these laws according to your opinion. 3+5=8

GROUP – B

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

28. What is Mode ? 1
29. What is discrete series ? 1
30. The grouped data is also called _____ data. (raw/primary/secondary) 1
31. The formula for Mode is _____.
($3\text{Median}-2\text{Mean}$ / $3\text{Mean}-2\text{Median}$ / $3\text{Median}-\text{Mean}$). 1

Answer the following questions.

32. What is Statistics according to Seligman ? 3
33. What is enumeration data ? 3
34. Write three utilities of a Graph ? 3
35. Draw a frequency polygon in a graph paper from the following data : 4

Marks	30-40	40-50	50-60	60-70	70-80	80-90	90-100
No. of Students	8	15	35	12	18	9	3

36. What is frequency distribution table ? Tabulate the following 50 scores into a frequency distribution table by taking class interval as 5 and Calculate Median from the table.

70 69 54 50 85 61 76 86 60 75 74 64 67 68 80 80 64 62 75 66 72
70 72 68 66 56 66 59 74 78 76 78 72 82 74 70 88 71 73 78 63 72
65 68 60 63 52 60 75 54. $2+3+3=8$