

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. Who is the father of modern educational Psychology ? 1
2. Name one method of Psychology. 1
3. What is olfactory sensation ? 1
4. Write one point of difference between Volitional and Volitional attention. 1
5. What do you mean by acquired Interest ? 1
6. What is the emotion in association with the 'Combat' instinct ? 1
7. How are instincts different from Reflex actions ? 1
8. Where was the Army Alpha Intelligence test born ? 1
9. Suggest only one performance test of intelligence who had difficulty in language. 1

P.T.O.

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. Spinal Cord is a bundle of _____ that lie within the backbone. (nerves/
cell/motor) 1
11. Growth means increase in size _____ or height. (weight/head/body) 1
12. The genes which are hidden and cannot express the parents trait to their children
are called _____. (dominant genes/recessive genes/cells) 1
13. In fact Memory is _____. (mental process/psychological process/
psycho-physiological process) 1

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

14. How sense organs send message to the brain. 3
15. What is conception ? 3
16. Suggest three basic principles of heredity that operate in the process of growth
and development of a child. 3
17. What is Retroactive inhibition ? 3
18. What is Spearman's Two factor theory of Intelligence ? 3
19. How would you modify the personality of a habitual liar child? 3

Answer the following question (21 to 24) in not more than 50 words each.

20. Draw a neat diagram of visual sense organ and indicate :
- (i) Cornea
 - (ii) Retina
 - (iii) Eye Ball
- 4

21. Why Stanley Hall called "Adolescence as a Period of Storm and Stress"? 4
22. What is biological heredity? 4
23. Suggest four important roles of parents in good habit formation. 4
24. Suggest four methods by which you can test the personality among children. 4

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

25. What is Educational Psychology? Write six important scope of educational psychology. 2+6=8
26. Explain Thorndike's major laws of learning and bring out the educational implication of these laws? 3+5=8
27. What is Emotion? Write the three types of emotion. How will teacher act for the emotional development of his young student. 2+3+3=8

GROUP -B

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

28. What is a score? 1
29. The scores of 6 students are 8, 15, 19, 16, 12, 14. Find out Median of the above scores. 1
30. _____ is more popularly used in graphical representation of a data. (Histogram/Polygon/Ogive) 1
31. To find out the exact mid-point of the distribution _____ is used. (Mean/Median/Mode) 1

Answer the following questions.

32. State three utilities of a Graph? 3
33. What is meant by measures of Central tendency? 3

34. What is Statistics according to Seligman? 3
35. Draw a frequency polygon from the given scores using a graph paper. 4

Scores	10-14	15-19	20-24	25-29	30-34
<i>f</i>	1	3	4	2	1

36. Tabulate the following scores into a frequency distribution using a class interval of 5 and beginning with 10-14. Calculate Mean by using short-cut Method of the same score. 4+4=8

33 35 41 25 39 28 16 55 15 29
 27 44 22 24 47 18 29 46 27 42
 21 19 40 19 27 25 26 10 21 28
 29 34 17 33 34 33 36 27 38 32
 15 36 51 21 14 46 37 20 33 16