

2019
EDUCATION

Full Marks: 100

Pass Marks: 33

Time: Three hours

All the question 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. "Psychology is a science of the activities of the individual in relation to the environment", who said? 1
2. In which century psychology was defined as the 'science of mind' ? 1
3. Which nerve of the body controls reflex action? 1
4. From which Latin word is the word 'Adolescence' derived? 1
5. "Practice may improve the power of learning but not the power of retaining."
Who gave this view? 1
6. Write *one* characteristic of a good memory. 1
7. Who made the first attempt of mental test in India? 1
8. What is an integrated person? 1
9. The I.Q. of a child is 100 and his chronological age is 12. Find the mental age. 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. According to _____, "Educational psychology deals with the systematic study of the educational growth and development of a child."
(Stephen/Skinner/Spencer) 1
11. The damages to Ventral fibers causes _____ of the connected parts of a person's body. (Paralysis/Muscle weakness/Stiff muscle) 1
12. _____ is the primary condition of learning and remembering.
(Interest/Imposition/Initiative) 1
13. The form board test is a _____ test. (Performance/Achievement/ Personality) 1

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

14. Write *any three* limitations of Psychology. 3
15. Write *any three* main parts of a Neuron. 3
16. What is mean by Effectors? 3
17. What is reinforcement in learning ? 3
18. Write *three* points of difference between Feeling and Emotion. 3
19. How would you sublimate the combative instinct of your friend? 3

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

20. What is educational psychology? 4
21. Draw a neat diagram of human brain and indicate in it (i) Cerebrum and (ii) Cerebellum. 4
22. Differentiate 'Growth from Development' of an individual. 4
23. Suggest *four* ways to prevent the bad habit of students playing phone in the class. 4
24. Write the definitions of Instinct as given by Mc Dougall and James S. Ross. 4

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

25. Write the basic Laws of heredity that operates in the process of growth and development of an individual. 8
26. What measures would you adopt to draw the attention of students in the class-room ? 8
27. Write the definition of personality as given by Allport. What are the three types of personality as given by C.G Jung ? Write about Performance methods, Rating method and Projective method of measuring personality. 1+1+2+2+2=8

GROUP – B

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

28. Write *one* use of Frequency distribution table. 1
29. Find the crude mode from the following ungrouped scores. 1
7, 6, 4, 3, 2, 3, 4, 7, 6, 7.
30. Graphic representations give a _____ view of the overall situation representing the scores. (Subjective/Objective/Conjunctive) 1
31. The formula for Mode is _____.
(3Median-2Mean/ 3Mean-2Median/ 3Median-Mean). 1

Answer the following questions in about 50 words each.

32. What is central tendency of scores ? 3
33. What is Measurement data ? 3
34. Write *three* uses of Statistics in Education ? 3

35. Draw a Histogram in a graph paper from the following scores given below. 4

Scores	Frequency
40-45	2
45-50	3
50-55	4
55-60	6
60-65	8
65-70	5
70-75	3
75-80	2
80-85	2

36. What is arithmetic Mean? Calculate Mean by long method and Median from the following scores. $2+3+3=8$

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