

**2022**

**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.*

**For questions 1 to 4, choose the correct answer from the given alternatives, A, B, C or D.**

1. Which of the following is true that Heredity and Environment are 1
  - (A) Complementary to each other
  - (B) Supplementary to each other
  - (C) Contradictory to each other
  - (D) None of the above.
  
2. Who said, “ Learning is the modification of the re-action of an organism through experience”. 1
  - (A) Skinner
  - (B) Colvin
  - (C) Rousseau
  - (D) Woodworth.

P.T.O.

3. Mention on factor of Personality. 1
- (A) Physical or Chemical Factor
- (B) Mechanical Factor
- (C) Natural Factor
- (D) None of the above.
4. What is the median of this set of numbers 2, 4, 6, 7, 9, 2000, 5000 ? 1
- (A) 7
- (B) 9
- (C) 1171
- (D) 2000.

*Answer the following Question Nos. 5 to 12 by a word / sentence each. Each question carries 1 (one) mark.*

5. To whom the knowledge of educational psychology can be best benefited ? 1
6. What are the receptors of an organism ? 1
7. Which ductless gland is located in the base of neck ? 1
8. Which stage of growth is known as "Questionare age" ? 1
9. What is Rote memory ? 1
10. Write the formula of I.Q. 1
11. What is bar graph ? 1

12. Find out the rude mode of the scores : 1

9, 11, 13, 10, 12, 13, 13, 15, 17, 20

*Answer the following questions 13 to 24 in not more than 40 words each.*

13. What is Introspective methods of Education Psychology ? 2

14. How is Psychology related to Education ? 2

15. Write two points about the relationship between Sensation and Perception. 2

16. Write any two general characteristics of childhood. 2

17. Give the difference between the term Growth and Development of life. 2

18. What are the laws of hereditary given by Mandel ? 2

19. Write two characteristics of Learning. 2

20. What are the good marks of Memory ? 2

21. What are the two types of Motivation ? 2

22. Write two causes of forgetting. 2

23. What is Group Intelligence Test ? 2

24. Write two uses of Median. 2

*Answer the following Question Nos. 25 to 32 in not more than 50 words each.*

25. How educational psychology helps the teacher in moulding the behaviour of his / her students in the school ? 4

26. Give four points of limitation of psychology in Education. 4

27. What are the three main parts of a neurone ? Write the function of a neurone. 3+1=4
28. Suggest some simple techniques to create interest in the classroom. 4
29. Write any four characteristics of Intelligence. 4
30. How can you assess Personality through Non-Projective technique ? 4
31. Calculate Mean from the following data by using Long Method : 4

<u>CI</u>	<u>f</u>
55-59	1
50-54	1
45-49	3
40-44	4
35-39	6
30-34	17
25-29	12
20-24	6
15-19	8
10-14	2
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N = 60	

32. Represent the following frequency distribution in a Histogram (Use graph paper) :

4

<u>CI</u>	<u>f</u>
45-50	1
40-45	5
35-40	7
30-35	4
25-30	3
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N = 20	

*Answer the following questions 33 to 36 in not more than 100 to 150 words :*

33. Write any eight major activities of the Central nervous System. 8

**OR**

Write the educative significance of sensation in children. 8

34. Write any four major problems of Adolesences. Suggest the measures to solve the problems. 8

**OR**

Briefly discuss the relative importance of heredity and environment in the growth and development of a child. 8

35. As a teacher, how will you use Thorndikes laws of learning in the classroom for meaningful teaching ? 8

*OR*

What are the conditions of attention that can be applied by the teacher in teaching his subject ? 8

36. Write the differences between Instinct and Emotion. 8

*OR*

State the role of teachers in proper development of emotion of their pupil. 8

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