

Instruction :

1. The Question paper contains 5 parts A, B, C, D, E. Consists of Section I, II, III, IV, V, VI, VII, VIII.
2. All the parts are Compulsory.
3. The answer should be written completely either in English or Kannada.

PART-A

I. Select the correct alternative from the choices given/Answer the following questions by choosing the correct answer (5x1=5)

1. _____ is a response to actual, threatened or supposed loss of affection. This emotion comes combined with fear and anger towards people.
a) Jealousy b) Desire c) Fear d) Disgust
2. In the process of fertilization, an egg and a sperm fuse to create a single cell called a _____.
a) Blastocyst b) Zygote c) infant d) neuron
3. Which gland is called the 'master gland'?
a) Thymus gland b) Parathyroid gland c) Pituitary gland d) Pancreas
4. Who gave us the concept of 'working memory'?
a) J. P. Guilford b) Hermann Ebbinghaus c) Alan Baddeley d) Carl Rogers
5. Reading the material as a whole
a) Massed Method b) Part Method c) Whole Method d) Spaced Method

II. Fill in the blank by choosing the appropriate words from those given in the brackets.

[Mono-zygotic twins, Lateralization, Amygdala, Need, Heuristics] (5x1=5)

6. The degree to which the left or right hemispheres controls various cognitive and behavioral functions is known as _____.
7. _____ are shortcuts that enable us to simplify and solve problems. Though it is a method to find solutions, they do not guarantee correct solution to a problem.
8. In the case of _____, the fertilized eggs splits itself into two halves, each developing into a separate life.
9. One structure in the Limbic system, called the _____ produces rage and aggression.
10. A _____ can be defined as the lack of some biological essentials like water and food.

III. Match the following

(5x1=5)

11.

A - Ivan Pavlov	i Gestalt Psychologists
B - A relatively permanent change in behaviour	ii Prolactin
C - Principles of grouping and organization	iii Classical conditioning
D - Secretion of milk in the mammary glands	iv Law of readiness
E - Learner's state of mind to participate in learning process	v Learning

IV. Answer the following question in a word or a sentence.**(5x1=5)**

12. When was NIMHANS established ?
13. Name the four lobes of the brain.
14. What is dyscalculia?
15. What is an illusion?
16. Name the psychologist who developed the theory on cognitive development.

PART –B**V. Answer any SEVEN of the following questions in 2 to 3 sentences each.****(7x2=14)**

17. Where is the 'Wernicke's Area' located? What is Wernicke's aphasia?
18. Explain the rooting and grasp reflex in babies.
19. List 2 symptoms of Anxiety.
20. Suggest two ways of enhancing positive emotions.
21. Explain independent and dependent variable with examples.
22. Explain two techniques of increasing capacity in STM (Short Term Memory).
23. Mention any two differences between a psychologist and a psychiatrist.
24. Write any two advantages of Case History as a method of study in psychology.
25. Explain 'stimulus discrimination'?
26. Explain dominant and recessive inheritance?
27. What is Sex Drive? Name the hormones that regulate this drive.
28. What is 'Object Permanence'? Which stage of development is this characteristic of?

PART-C**VI. Answer any SIX of the following questions in 10-12 sentences each****(6x4=24)**

29. Explain the Atkinson-Shiffrin model of memory.
30. What is transfer of learning? Explain the bases of transfer?
31. Highlight the cognitive development seen in adolescence.
32. With the help of a diagram, draw and explain the structure and function of neuron.
33. Explain the types of observations, along with advantages and disadvantages.
34. Write a short note on - 'psychology in everyday life'.
35. Explain Urie Brinfenbrenner's theory.
36. What are the determinants of perception?
37. Explain the need for achievement and need for power as an important motive

PART-D**VII. Answer any TWO of the following question in 20-25 sentences each.****(2x6=12)**

38. Give a detailed account of the organization of information in the LTM.
39. Highlight the major concerns during adolescence.
40. What is forgetting? Discuss abnormal forgetting.
41. Explain chromosomal abnormalities.

PART-E (PRACTICALS PART)**VIII. Answer any TWO of the following.****(2x5=10)**

42. Write the plan and procedure you have adopted to study the effect of emotion on the speed of responses on your subject.
43. Write the plan and procedure to study the effect of will on fluctuation of attention.
44. Write the plan and procedure to determine the effect of distribution of learning period on retention.