

**THIRD SEMESTER (CUCBCSS-UG) DEGREE EXAMINATION
NOVEMBER 2021**

Psychology

PSY 3B 01—PSYCHOLOGICAL MEASUREMENT AND TESTING

(2017—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions.
Each question carries 1 mark.*

Fill in the blanks :

1. _____ is the process of quantifying sensations and perceptions.
2. The process of selecting a representative group from a population is called _____.
3. _____ is a structure of a set of questions on a given topic.
4. _____ is the Variable which is manipulated by the experimenter
5. Correlating different versions of the same test is called _____.
6. The blue print of research is called a _____.
7. _____ is the validity of applying the conclusions of a scientific study outside the context of that study.
8. _____ type of test is time bound
9. A tentative statement showing the relationship between different variables is called _____
10. _____ is manipulation of variables under controlled condition.

(10 × 1 = 10 marks)

Part B

*Answer all questions in two or three sentences each.
Each question carries 2 marks.*

11. Ordinal scale
12. Differential threshold.

Turn over

17. Colour blindness.
18. Myopia.
19. Hypothalamus.
20. Nyktelopia.

(10 × 2 = 20 marks)

Part C

*Answer any six questions in a paragraph.
Each answer carries 5 marks.*

21. Explain the structure of eye.
22. Discuss about the pain suppression system and pain sensation.
23. Explain the taste pathway and transmission of signals into CNS.
24. Give an account of organization of olfactory membrane and sense of smell.
25. Explain the detection and transmission of tactile sensations.
26. Describe the anatomy of taste buds and its function.
27. Explain the chemistry of vision and transduction in retina.
28. Explain visual pathway.

(6 × 5 = 30 marks)

Part D

*Essay question.
Answer any two questions.
Each answer carries 10 marks.*

29. Explain theories of colour perception and visual defects.
30. Give an account of cutaneous senses.
31. Explain anatomy of taste buds, its function, taste preference and control of diet.
32. Elaborate on major endocrine glands, their location, hormones produced and its roles.

(2 × 10 = 20 marks)