

D 51260

(Pages : 2)

Name _____

Reg. No. _____



THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018

(CUCBCSS—UG)

Core Course

PSY 3B 01—PSYCHOLOGICAL MEASUREMENT AND TESTING

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A (Objective Type)

Answer all questions.

Each question carries 1 mark.

Choose the correct answer from the following options given below.

1. Which descriptive statistics can be used to treat a variable measured in Nominal level ?

Mean, Range, Frequency, QD.

2. Age in years is an example of _____ level of measurement.

Nominal, Ordinal, Equal interval, Ratio

3. A researcher want to know at what is the minimum Hz of sound an elephant can detect. Which measure would be appropriate to meet the objective of the researcher ?

Absolute threshold, Differential threshold, JND, JNND

4. Which reliability method is known as temporal consistency reliability ?

Test-retest reliability, Parallel form reliability, alternate form reliability, scorer reliability.

5. Average of z score is _____.

0, Infinity, 1, 1.96

Fill in the Blanks :

6. The extent to which a test measures what it intent to measure is known as _____.

7. Name any culture free intelligence test.

8. Ability of an item to discriminate between people with high ability and low ability is called as _____.

9. Which research design is appropriate to understand cause and effect relationship between variables ?

10. Any variable which are related to independent variable and not of the interest of the experimenter is known as _____.

(10 × 1 = 10 marks)

Turn over

Section B (Answer in two or three sentences)

*Answer all questions.
Each question carries 2 marks.*

11. What is item difficulty ?
12. What are the limitation of grade equivalent norms ?
13. What is sten score ?
14. What is participant observation ?
15. What is level of significance ?
16. What is the difference between basic and applied research ?
17. What is a speed test ?
18. Explain objectivity as a characteristics of a good psychological test.
19. What is differential threshold ?
20. What is the concept of arbitrary zero point in the context of levels of measurement ?

(10 × 2 = 20 marks)

Section C

*Answer in a paragraph of about half a page to one page.
Answer any six questions.
Each questions carries 5 marks.*

21. Explain Weber's Law.
22. Explain the concept of equal intervals in a psychological test.
23. Write a note on psychophysical scaling methods.
24. What are the postulates of law of comparative judgment ?
25. What are the different types of item discrimination.
26. What are the conditions to satisfy for a probability sampling method ?
27. What are the types of research problem ?
28. What are the difference between descriptive and inferential statistics ?

(6 × 5 = 30 marks)

Section D (Essay Type Question)

*Answer any two of the following.
Each question carries 10 marks.*

29. What are the characteristics of a scientific research ?
30. Explain different levels of measurement with its application in research.
31. What are the different classification of psychological tests ?
32. Write a note on the types of reliability.

(2 × 10 = 20 marks)