QP CODE: 21002096

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Reg No : .....

Name : .....

M Sc DEGREE (CSS) EXAMINATION, NOVEMBER 2021

First Semester

M Sc PSYCHOLOGY

CORE - PY010104 - PSYCHOMETRY

2019 ADMISSION ONWARDS

3B097AEA

Time: 3 Hours Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. What are the functions of statistics in psychology?
2. Differentiate aptitude tests from achievement tests.
3. Advantages of open –ended questionnaire over closed ended questionnairs.
4. Point biserial correlation in the context of item analysis.
5. Split- half reliability.
6. Content validity.
7. Percentile norms.
8. Uses of test manual.
9. Testing in educational settings.
10. Disability testing.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Define psychological test. Explain the characteristics of a good test.
12. Stress on the importance of case study method, highlighting the uses and disadvantages.
13. What is an item? What are the precautions to be taken while writing items in a test?
14. Analyse extreme group method and correlational method as techniques of item discriminability.

15. Compare standard error of estimate with standard error of measurement.

16. Evalute the conditions that affect validity coefficient.

17. What are partition values? Explain the different partition values used in Psychology.

18. Explain the various social considerations in psychological testing.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Examine the different properties of scales and how is it related to different levels of measurement?

20. What is scaling? Discuss the different scaling methods which are used in constructing a scale.

21. Explain the different psychometric properties required for a psychological test.

22. What is the role of standard score norms in Psychological testing? Explain the different standard score norms used in Psychological testing.

(2×5=10 weightage)