FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester B.Sc Psychology Degree Examination, November 2021

BPS3B03 – Psychological Measurement and Testing

(2019 Admission onwards)

Time: 2 hours   Max. Marks : 60

Part A

Answer all questions.
Each question carries Two marks.
Ceiling - 20 Marks

1.   What is content analysis
2.   Age equivalent score
3.   Just noticable difference
4.   What is historical research
5.   Culture free tests
6.   What are testing conditions
7.   What is nominal scale
8.   What you mean by objectivity
9.   Differential threshold
10. Individual test
11. Construct validity
12. What is research design

Part B

Answer all questions.
Each question carries Five marks.
Ceiling - 30 Marks

13. Limitations of measurement in psychology
14. Differentiate between method of average error and method of constant stimuli
15. Hypothesis and different types of hypothesis
16. Differentiate norm referenced & criterian referenced norms
17. Ethical issues and psychological testing
18. APA style of writing research report
19. What is test & its use in psychological research

Part C

Answer any one questions.
Each question carries Ten marks.

20. What are norms and what are the different types of norms
21. Explain different data collection techniques

(1 x 10 = 10 Marks)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester B.Sc Psychology Degree Examination, November 2021

BZL3C04 – Human Physiology III

(2019 Admission onwards)

Time: 2 hours   Max. Marks : 60

Part A

Answer all questions.

Each question carries Two marks.

Ceiling - 20 Marks

1. Scala vestibuli
2. Sensory hairs
3. Vitreous humour
4. Fovea centralis
5. Thymus
6. Tract of Lissauer
7. Cilary muscles
8. Putrid
9. Nucleus of solitery tract
10. External auditory canal
11. Visceral pain
12. Hypothalamus

Part B

Answer all questions.

Each question carries Five marks.

Ceiling - 30 Marks

13. Write on tickling and itch
14. Classification of somatic senses
15. Hormones of pituitary
16. What are bony ossicles
17. Categorizing smell
18. Give note on transduction in the retina
19. Hormones of pituitary

Part C

Answer any one questions.

Each question carries Ten marks.

20. Sensory pathways for transmitting somatic signals into CNS (central nervous system)

21. Give note on theories of colour vision

(1 x 10 = 10 Marks)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Third Semester B.Sc Psychology Degree Examination, November 2021

BST3C07 – Probability Distributions and Parametric Tests

(2019 Admission onwards)

Time: 2 hours   Max. Marks : 60

SECTION-A
Each question carries 2 Marks.
Maximum Marks that can be scored in this section is 20.

1. Define Poisson distribution.

2. What do you mean by fitting of binomial distribution?

3. If 3% electric bulbs manufactured by a company are defective. Find the probability that in a sample of 100 bulbs, exactly five bulbs are defective ($Given\ e^{-3}$=0 . 0492)

4. What is meant by size of the sample?

5. Define target population.

6. Compare sampling and non-sampling errors.

7. Define a non-parametric hypothesis. Give an example.

8. Define null hypothesis.

9. Define critical region.

10. What do you mean by sampling distributions?

11. Write down the test Statistic for testing the given population mean when the sample size is large.

12. What are the uses of t- distribution?

SECTION-B
Each question carries 5 Marks.
Maximum Marks that can be scored in this section is 30.

13. A random variable X follows normal distribution with mean 80 and S.D 10. Find the probability that the variable takes value

    a) Less than 80

    b) Greater than 100

    c) Between 53 and 62.

14. Explain Binomial distributions with the help of examples.

15. Briefly explain non-probability sampling methods.

16. Describe simple random sampling and stratified random sampling.

17. a) Distinguish between one tailed and two tailed tests.

    b) What do you understand by sampling distributions?

18. In a sample of 600 men from city A, 450 are found to be smokers. Out it 900 from city B, 450 are smokers. Do the data indicate that the cities are significantly different with respect to prevalence of smoking?

19. Explain the test procedure for test the equality of variance of two normal populations with known mean

SECTION-C
(Answer *any one* Question and carries 10 marks)

20. Explain the advantages of sampling over census. Explain sampling and non-sampling errors. Also explain simple random sampling and stratified random sampling.

21. A set of 8 symmetrical coins was tossed 256 times and the frequencies of throws observed were as follows :

No of heads	0	1	2	3	4	5	6	7	8
Frequency of throws	2	6	24	63	64	50	36	10	1

Fit a binomial distribution.

(1 x 10 = 10 Marks)