



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 5th Semester Examination, 2022

DSE-P1-PHYSIOLOGY (PRACTICAL)

Time Allotted: 2 Hours

Full Marks: 20

The figures in the margin indicate full marks.

Answer any one of the following questions

15

1. Work out an appropriate t-test to find whether or not the mean score is significantly higher in the second trial than in the first trial in a sensory-motor test administered to the following group of 10 subjects:

Individual Test Scores	1	2	3	4	5	6	7	8	9	10
1st Trial	50	62	40	55	62	41	28	37	35	46
2nd Trial	62	65	54	53	74	55	38	48	44	63

OR

2. Compute the SE of the mean haemoglobin Concentration (g dl^{-1}) of the following data in a stratified sample from a population divided on the basis of sex.

Males	15	13.2	15.4	12	14.6	14.8	13.6	14.2	14	13.8	
Females	12	13	12.8	12.6	13.4	13.2	14	14.6	12.2	13.6	14.2

3. Viva-voce

2

4. LNB

3

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