

GURUDAS COLLEGE

B. Sc. SEMESTER V (Honours) Odd Semester Examination, 2021

Online Internal Assessment

Subject: BOTA

Subject Category: Honours

Course: BOT-A-DSE-A-5-1-TH

Course Name: BIOSTATISTICS

Date of Examination: 4th Jan, 2022

All questions carry equal marks

Time: 30 minutes

FM: 10

Answer the following (Any 5):

2X5=101.

1. Chi square test depends on degree of freedom
 - a) True
 - b) False
 - c) May be
 - d) Not confident
2. The population frequency is equal to expected frequency
 - a) Significantly difference
 - b) The data is not similar
 - c) Alternate hypothesis
 - d) Null hypothesis
3. The application of statistical methods in biology is called
 - a) Biostatistics
 - b) Statistics in vivo
 - c) Biocomputing
 - d) Bioinformatics
4. Father of Biostatistics is
 - a) Fischer
 - b) Karl Pearson
 - c) Francis Bacon
 - d) Francis Galton
5. An independent t-test can be used to assess which of the following?
 - a) It assesses differences between two groups of participants

- b) It assesses differences between scores obtained on two separate occasions from the same participants
 - c) It assesses goodness of fit
 - d) It assesses relationships between two interval data sets
6. In statistics, distance or dispersion from central value is classified as
- a) Standard deviation
 - b) sample variance
 - c) standard root
 - d) standard variance
7. Characteristic that can take on different values for different persons, places or things is known as
- a. Frequency
 - b. Data
 - c. Variable
 - d. Standard error
8. In a data set if there are two modes then we call it
- a. no mode
 - b. polymodal
 - c. bimodal
 - d. unimodal

Instructions for submission of answer scripts

1. Write the front page/top sheet as per instruction.
2. Scan the pages in sequence and make a single PDF file.
3. Rename file as per instruction.
4. Email the PDF file within the stipulated time to the following Email id

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