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MPH FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: JULY, 2024

BIOSTATICS DATA MANAGEMENT AND DEMOGRAPHY

Time: 3 Hours

Max Marks: 70

Note: Answer all questions

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 10 = 20

1. What do you mean by testing of hypothesis. Differentiate between parametric and non-parametric test.
2. What do you understand by the term: sex ratio, age dependency ratio, and population pyramid. Write briefly on factors affecting sex ratio, age dependency ratio, and population pyramid.

Write short note on the following:

6 X 5 = 30

3. What do you mean by regression. What is dependent and independent variable in regression model.
4. Write briefly on push and pull factors in migration.
5. What is the difference simple random sampling and systematic sampling.
6. Describe different measurement scales with two examples.
7. State addition and multiplication rule of probability.
8. Elaborate on do and log file in STATA.

Write briefly on the following:

10 X 2 = 20

9. Define standard error.
10. Describe qualitative variable.
11. What do you mean by net reproductive rate.
12. Difference between immigration and outmigration.
13. Explain p-value
14. Describe the birth and death rate
15. What is correlation.
16. List the various data format compatible with STATA software
17. What is the use of COUNTIF function.
18. Define the boxplot.
