

PAPER CODE: MPH5113

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MPH FIRST YEAR DEGREE EXAMINATIONS: NOVEMBER, 2024

EPIDEMIOLOGY

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. Explain the steps of Outbreak Investigation with an example
2. Bias in Research. Explain at least two biases in Case control and Cohort study with two examples each.

Write a short note on the following:

6 X 5 = 30

3. Differences between Screening and Diagnostic tests with two examples
4. AEFI in Immunisation: classification with examples
5. Surveillance
6. Advantages and disadvantages of Cross sectional study in detail
7. Herd immunity
8. RCT: Types of Randomisations with two examples

Write briefly on the following:

10 X 2 = 20

9. Temporality
10. Maternal Mortality Ratio
11. High Risk strategy for disease prevention
12. Propagated Epidemic
13. Iceberg of disease
14. Proportion: Definition and an example
15. Incubation Period
16. Under-5 Mortality.
17. Germ Theory of Disease Causation
18. Attributable Risk (AR)
