

Question Paper

Exam Date & Time: 27-Jan-2021 (02:30 PM - 04:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST SEMESTER MASTER OF PUBLIC HEALTH DEGREE EXAMINATION - JANUARY/FEBRUARY 2021
SUBJECT: BASIC EPIDEMIOLOGY (MPH 651)
(REGULAR)

Marks: 50

Duration: 120 mins.

Answer all the questions.

- 1A) Define Prevalence. (2)
- 1B) Explain the types of prevalence. (4)
- 1C) In a survey of 2,150 women who gave birth in 2000, a total of 568 reported taking a multivitamin at least 4 times a week during the month before becoming pregnant. Calculate the prevalence of frequent multivitamin use in this group. (2)
- 1D) Explain if we can calculate prevalence in a case control study. (2)
- 2) Enlist the types of Cohort study. Discuss the steps to conduct a cohort study with a brief note on its analysis. (10)
(3+5+2 = 10 marks)
- 3A) Define Validity. Explain the types of validity. (5)
- 3B) Discuss briefly the classification of the epidemics pattern. (5)
- 3C) Explain the advantages and disadvantages of a Randomised Controlled Trial. (5)
- 3D) Define a reservoir. Explain briefly the types of reservoir. (5)
- 3E) Describe in detail the high risk approach in primary prevention with an example. (5)
- 3F) Differentiate between Cumulative Incidence and Incidence Rate with examples. (5)

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