

[LL 1017]

OCTOBER 2017

Sub. Code: 3003

**M.Sc. EPIDEMIOLOGY EXAMS
FIRST YEAR
PAPER III – EPIDEMIOLOGICAL METHODS IN
HEALTH MANAGEMENT**

Q.P. Code : 313003

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. “Disease Surveillance”. Discuss its importance, existing system for surveillance and its challenges.
2. Discuss the phases of social marketing with the PRECEDE model.

II. Write notes on:

(10 x 6 = 60)

1. Discuss the “Imperfect market” in health which limits economic estimation.
2. Discuss the opportunities and obstacles the family has in development of adolescents.
3. Discuss method of sewage disposal at a municipality level.
4. Compare and contrast General Fertility Rate and Crude Birth Rate.
5. How will you assess need for “iodine supplementation” for a given population group?
6. Discuss utility of qualitative methods of epidemiology in infant care.
7. Describe how to design a study to measure impact of protective device in reducing radiation exposure in radiologists.
8. Describe environmental factors that predispose to road traffic accidents.
9. Discuss DNA mapping and its utility in health care.
10. Daylight Factor.
