

Question Paper

Exam Date & Time: 30-Nov-2018 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

**SECOND SEMESTER MASTER OF PUBLIC HEALTH DEGREE EXAMINATION - NOVEMBER/DECEMBER
2018**

**SUBJECT: HEALTH ECONOMICS (MPH 608)
(EPIDEMIOLOGY)
(REPEATERS)**

Friday, November 30, 2018 (14.00 - 17.00)

Marks: 70

Duration: 180 mins.

- 1) Suppose NGOs in India had been offering small group discussions about HIV to attempt to prevent HIV transmission in Manipal University Students for some time, but no one had ever performed an economic evaluation. Individuals do not have to pay money to attend these sessions. You are part of a team that is preparing to conduct an economic evaluation from a society perspective. (10)
i) What are type of cost that should be included in the analysis?
ii) What are probable measures that could be used to measure benefits of the program?
iii) What type of economic evaluation do you think would be most appropriate?
Please justify.
- 2) Explain outcome uncertainty, dependent outcomes in healthcare by giving an example. (10)
- 3) Suppose that a person lives 6 months with a health utility of 0.75 and 6 months with a health utility of 0.85. What is the number of quality adjusted life years experienced by this person? Show or describe your calculation. (10)
- 4) How information asymmetries influence health insurance markets? (10)

5. Short notes:

- 5A) Explain comparative advantage explain by giving an example. (5)
- 5B) What is law of supply explain by giving an example? (5)
- 5C) How behavior of a firm differs in a monopoly as compared to perfect competition? (5)
- 5D) Explain externalities by giving an example. (5)
- 5E) What is derived demand explain by providing a suitable example? (5)
- 5F) Explain the concept of time value of money by providing a suitable example? (5)

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