

Question Paper

Exam Date & Time: 27-Nov-2019 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER MASTER OF PUBLIC HEALTH (EPIDEMIOLOGY) DEGREE EXAMINATION - NOVEMBER 2019
SUBJECT: CLINICAL RESEARCH AND ETHICS (MPH 633)
(REGULAR)
Wednesday, November 27, 2019 (14.00 - 17.00)

Marks: 70

Duration: 180 mins.

1) Essays:

- 1A) Discuss the regulations governing clinical trials in India. (10)
- 1B) i) Importance of protocol and data management plan in clinical trials. (4)
(2+2 = 4 marks)
- 1B) ii) How will you establish and manage data for a multi-centric Nutrition trial? (6)
- 1C) Discuss in detail with examples the types of Cochrane reviews. Add a short note on key objectives of Cochrane reviews. (10)
(7+3 = 10 marks)
- 1D) Explain in detail the various phases in a clinical trial. What are the ethical considerations that an investigator should do for a clinical trial? (10)

2) Write short notes on:

- 2A) Informed consent (5)
- 2B) Types of Information and Selection biases in clinical research (5)
- 2C) Randomization (5)
- 2D) Advantages and disadvantages of telephonic mode of interview (5)
- 2E) Protocol deviation (5)
- 2F) Nuremberg Code (5)

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