

# Question Paper

Exam Date & Time: 24-Jun-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

MASTERS OF PUBLIC HEALTH DEGREE EXAMINATIONS - JUNE 2022

SUBJECT: MPH 563.1 - CLINICAL RESEARCH AND ETHICS

(SPECIALIZATION: EPIDEMIOLOGY)

BLOCK - VI (REGULARS)

Marks: 60

Duration: 180 mins.

- 1) Explain the types and importance of randomization. Illustrate merits and limitations of these randomization methods in the context of a hospital based Covid-19 vaccine trial for adolescents. (10)  
(4+6 = 10 marks)
- 2) Develop a protocol for improving exclusive nutritional status of elderly. Demonstrate the importance of trial protocol. (10)  
(3+7 = 10 marks)
- 3) Explain the Importance of data management plan in clinical trials. Illustrate mechanisms to improve data quality in a trial. (10)  
(4+6 = 10 marks)
- 4) Explain Protocol violation and measures to minimize it. (5)
- 5) Explain the importance of Good Clinical Practices in a trial. (5)
- 6) Explain the importance of Informed consent. (5)
- 7) Describe the advantages of Interviewer administered survey over telephonic interviews in research. (5)
- 8) Discuss the various regulations governing clinical trials. (5)
- 9) Describe mechanism to reduce ethical issues in publishing clinical studies with help of consort guidelines. (5)

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