

Jamia Hamdard (Deemed to be University)

Examination: M.Sc. Clinical Research, Semester: II (2024)

Paper Code and Title: **MCR-DSE-201, PHARMACOEPIDEMOLOGY AND
PHARMACOECONOMICS**

Time: 1.5 hours

Maximum Marks:30

Write the roll number at the top immediately on receipt of this question paper. Attempt ALL questions. All parts of question must be attempted in continuation. Start answering each question on new page.

Q.1. Attempt all the following questions:

(2x4=8 marks)

- (i) Define Incidence Rate
- (ii) Define QALY
- (iii) Define Relative Risk
- (iv) Define Case control studies

Q.2 Write Short note on ANY THREE of the following:

(4x3=12 marks)

- A). Discuss Medication adherence
- B) Discuss Odds ratio with example
- C) Elaborate Humanistic outcomes
- D) Write intangible cost with its applications

Q.3. Answer ANY TWO of the following:

(5x2=10 marks)

- A) Discuss the DALY and Incremental cost effective ratio
- B) What is Cost effective analysis and write down its applications, advantage and disadvantages?
- C) Discuss the applications of Pharmacoeconomics in Indian Health care system?
- D) Differentiate between Cohort study, Cross sectional study and case series and write down their advantages and disadvantages?
