

1.

What is Clinical Epidemiology ? Explain with one example.

(Maximum Marks: 2 + 3 = 5)

2.

What is Bias? Describe Selection Bias.

(Maximum Marks: 2 + 3 = 5)

3.

Differentiate Sensitivity and Specificity of diagnostic test.

(Maximum Marks: 6)

4.

What is Randomization? Randomization addresses which bias?

(Maximum Marks: 2 + 2 = 4)

5.

What is Experimental study? Give one example / hypothetical example of observational study design.

(Maximum Marks: 2 + 2 = 4)

6.

Which type of study design is suitable for rarely occurring disease? Write two advantages and disadvantages of cohort study.

(Maximum Marks: 2 + 4 = 6)

7.

What is Blinding in Randomized Control Trial? Explain single blinding RCT with example.

(Maximum Marks: 2 + 4 = 6)

8.

Differentiate Ecological and Cross sectional study.

(Maximum Marks: 4)

9.

Odds Ratio is yield of which study design? What is inference of Odds > 1 for "x" risk factor for "y" outcome?

(Maximum Marks: 2 + 2 = 4)

10.

Name four common sites for Hospital acquired/Nosocomial infection. Why Surveillance of nosocomial infections are important?

(Maximum Marks: 4 + 2 = 6)