International Institute of Health Management Research[IIHMR]
NEW DELHI
Batch 2019-21

Time:3Hrs.   **Total Marks:70**

HOM – 717: CLINICAL EPIDEMIOLOGY

Attempt all questions and read carefully before answering. Your answer should be very specific and concise.

- Note the word limit for each question. 2 marks will be deducted for each instance where the word limit is exceeded.

1. **The following multiple questions has one correct answer. Please write down the choice in your answersheet.**

[Max Marks:2x5=10,One Page]

1. Which of the following factors is necessary but not sufficient in RCT
   a) Specificity
   b) Strength
   c) Temporality
   d) Analogy

2. The following study design is the most superior amongst the following?
   a) Cross-sectional
   b) Cohort
   c) Case-control
   d) Cannot be said with certainty

3. If patient, physician and analyst is blinded, this is known as
   a) Single blind
   b) Double blind
   c) Triple blind
   d) None of the above

4. Health service research includes
   a) Discharge time
   b) Hospital readmission rates
   c) City trauma plan
   d) All of the above

5. For 5 year survival of cancer patients which of the following is true in general
   a) Increases with earlier detection
   b) Decreases with earlier detection
   c) Neither increases nor decreases
   d) Depends on the disease

2. **You have conducted a RCT for a new drug which helps in alcohol addiction. The control group receives brief physician advice. How would you go about reporting your study (publishing the manuscript) following introduction, method, result/analysis, discussion.**

   [MaxMarks: 5+5+5+5=250 words + 250 words + 250 words + 250 words)

3. **What is meant by sensitivity and specificity of a diagnostic test? Explain RT PCR for COVID-19 in this context.**

   [MaxMark=10=5+5, 500 words plus 500 words]

4. **What are the various phases of a drug trial? Explain phase II trial of a COVID-19 vaccine?**

   [Max Marks 20=Max 10+10s=500 words plus 500 words]

5. **Explain evidence pyramid in one page.**

   [Max Marks=10, 500 wordss]