

International Institute of Health Management Research [IIHMR]
NEW DELHI
Batch 2017-19
Supplementary Exam

Time: 3 Hrs.

Total Marks: 100

HOM - 717: CLINICAL EPIDEMIOLOGY

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

- Note the page limit for each question. *Two marks will be deducted for every extra page or part thereof. (This is a eco-friendly exam!)*
- For multiple choice questions *2 marks will be awarded for a correct answer and 1 mark will be deducted for a wrong answer*

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

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

1. Case-control study
 - a) Is relatively expensive to perform
 - b) Is prospective in nature
 - c) Can help in determining causality
 - d) Is the highest level of evidence

2. The ethical principle related to stopping a clinical trial mid-way when benefits have been obtained is
 - a) Beneficence
 - b) Nonmaleficence
 - c) Justice
 - d) Autonomy

3. If an intervention is a protective factor when
 - a) The upper limit of confidence interval is lesser than one
 - b) The lower limit of confidence interval is lesser than one
 - c) The lower limit of confidence interval is greater than one
 - d) The lower limit of confidence interval is lesser than one and upper limit is greater than one

4. RCTs on the same subject will not demonstrate
 - a) Dose response relationship
 - b) Temporality
 - c) Biological plausibility
 - d) Consistency

5. All of the following refers to clinical epidemiology except
 - a) Clinical drug trials
 - b) Studies on hospital acquired infection
 - c) mHealth evaluation
 - d) Sanitation assessment

2. Please go through the CONSORT guidelines checklist and the RCT provided. Choose any 10 points from 3-22, mark page number/s on checklist and in your answer sheet provide detailed response within the total page limit.

[Max Marks: 20+20=40, Five Pages]

3. Explain the type of studies on the peak of the evidence pyramid. Explain with a diagram and reason?

[Max Marks: 10+10=20, Three Pages]

4. Explain each of the four phases of a drug trial? How long does this journey take.

[Max Marks: 8+2=10, Total of Two Pages]

5. Describe five differences between a Systematic Review and a Meta-Analysis.

[Max Marks: 10, Two page]

6. Describe three difference between internal validity and external validity and give two examples?

Max Marks: 10 (2+2+2+2+2+2), Two pages]