

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

Time: 3 Hrs.

Total Marks: 70

HOM - 717: CLINICAL INFORMATION SYSTEMS

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.*

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

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

1. The five 5 rights of medication does not include
 - a) right time
 - b) right dose
 - c) right route
 - d) right doctor

2. Stage I of EMR Adoption includes all of the following except
 - a) Lab services
 - b) Radiology
 - c) Pharmacy
 - d) CDSS

3. The following is at the highest in the evidence pyramid
 - a) RCT
 - b) Case-control study
 - c) Systematic review
 - d) Meta-analysis

4. In the US the data contained within the medical record belongs to the
 - a) Patient
 - b) Care-giver
 - c) Health system
 - d) Federal government

5 In the NHS COPD pathway checklist medical checklist does not include

- a) Emergency management
- b) Urgent senior review
- c) Medical therapy
- d) Tobacco cessation guidance

2. Write a *SHORT NOTE* on any *FOUR* of the following:

[Max Marks: 4x5 = 20; Four pages]

- A. Evidence based medicine
- B. Clinical pathway
- C. PACS
- D. Clinical Decision Support Systems
- E. Electronic health records

3. Explain hospital workflow of inpatient department with a diagram and description? *[Max Marks: 10 (8+2), Three Pages]*

4. If you are the CEO of a super-speciality facility, what five state of the art aspects of CIS will you ensure? *[Max Marks: 10 2+2+2+2+2), Two Pages]*

5. Please go through the CONSORT guidelines checklist provided. You have to design a randomized controlled study using mHealth technology assessing the utility in improving long term diabetes management with HbA1C as the end point. Explain the design in brief. Elaborate using any 8 points of the CONSORT study. *[Max Marks: 20: 4+16; Five pages]*