

International Institute of Health Management Research (IIHMR), New Delhi.
Plot 3, Sector 18A Dwarka New Delhi 110075

Postgraduate Diploma in Management
(Hospital and Health) November - Batch 2020-22
Term Exam

Time: 3 Hrs.

Total Marks: 70

HIT - 708: CLINICAL INFORMATION SYSTEMS

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

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

[Max Marks: 2x5=10]

1. Amongst the following, which variable may not be seen in medical records
 - a) age
 - b) gender
 - c) smoking status
 - d) diagnosis

2. All of the following is seen in NHSRC standard treatment guidelines except
 - a) Prevalence
 - b) Diagnostics
 - c) Treatment
 - d) List of providers

3. The following does not constitute a major barrier for Doctors adopting technology
 - a) Inability to comprehend advances
 - b) Availability of time
 - c) Initial financial investment
 - d) Comfort with existing system

4. Under NDHM registration with digital health card is currently
 - a) Voluntary
 - b) Mandatory
 - c) Not clear
 - d) Voluntary now but will certainly be mandatory later on

5. If you were to evaluate a Technology intervention, best epidemiological design would be
- RCT
 - Cross sectional study
 - Retrospective cohort study
 - Before-after study

2. Write **SHORT NOTES** on the following:

[Max Marks: 4x5 = 20]

- Use of artificial intelligence for medical imaging
- Clinical Decision Support Systems
- Evidence pyramid
- GIS application in patient care

3. Explain description of hospital workflow of emergency room department in five short steps?

*[Max Marks: 2*5=10]*

4. In a advanced tertiary hospital in New Delhi describe any 5 components of a Clinical Information System that you would expect to see? *[Max Marks: 10 =2+2+2+2+2]*

5. Please go through the CONSORT guidelines checklist and the RCT provided. Choose any 10 points from 3-22, mark page number/s on checklist (if point is covered, else mark NA) and in your answer sheet provide detailed response for the research paper.

[Max Marks: 10+10=20]