

**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
- a) RCT
  - b) Cross sectional study
  - c) Retrospective cohort study
  - d) Before-after study

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

*[Max Marks: 4x5 = 20]*

- A. Use of artificial intelligence for medical imaging
- B. Clinical Decision Support Systems
- C. Evidence pyramid
- D. 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]*