

**International Institute of Health Management Research [IIHMR]
NEW DELHI
Batch 2016-18
Term Exam**

Time: 3 Hrs.

Total Marks: 70

HOM-709: HEALTH MANAGEMENT INFORMATION SYSTEM

***Attempt all questions and read carefully before answering (only question 2 has choices)
Your answer should be very specific and concise.***

- ***Every question has a page limit. One mark 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. Amongst the following countries, the one which was the first to ensure registration of vital events was
 - a) Sweden
 - b) United States
 - c) India
 - d) Singapore

2. HIPAA guidelines for security were introduced in the United States
 - a) Less than 5 years ago
 - b) 5-10 years ago
 - c) 10-20 years ago
 - d) More than 20 years ago

3. IDSP data is routinely available _____ to the headquarters (fill in the blank)
 - a) Daily
 - b) Weekly
 - c) Monthly
 - d) No set frequency

4. The following did not constitute first generation systems for health informatics in India
 - a) State Health Management Information Systems
 - b) National Anti-Malaria Management Information System
 - c) Routine Immunization Management System
 - d) Sporadic use in Medical College Hospitals

5. In the HMIS pre-reform all of the following were identified as weaknesses except
- a) Low number of data elements
 - b) Indicator to data mismatch
 - c) Duplications and gaps
 - d) High % of blanks or zero values

2. Write short notes (any 4 out of 6)

[Max Marks: 5x4=20, Four pages]

- 1) National HMIS Information Flow (diagram only)
- 2) Difference between data and information (with 2 contextual examples)
- 3) Formal sources of data (five examples)
- 4) Types of registers as per IPHS (any 5 examples)
- 5) Define the meaning of validation rules and use 4 examples
- 6) Explain common errors in data with five examples

3. Taking the Tamil Nadu State case study as an example, explain the situational analysis, strategy, implementation, results and sustainability.

[Max Marks: 2x5=10; Three Pages]

4. Describe any 5 components of a Hospital Management Information System (you may refer to your field visit)?

[Max Marks: 2x5=10; Two Pages]

5. You are the Chief Executive Officer of an Indian IT Firm. The Health Ministry of Bhutan has asked you to submit a proposal for developing the HMIS for the country. Using 10 steps of WHO practical guide, how will you develop the system?

[Max Marks: 2x10=20; Five Pages]