

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

**Time: 3 Hrs.**

**Total Marks: 70**

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**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.*

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- *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
- Low number of data elements
  - Indicator to data mismatch
  - Duplications and gaps
  - High % of blanks or zero values

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

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

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