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

Time: 3 Hrs.   **Total Marks: 70**

HOM-709: HEALTH INFORMATION MANAGEMENT SYSTEM
Attempt all questions and read carefully before answering.
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.*

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

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

1. Which of the following registers is not seen in sub-centre register as per 2006 IPHS guidelines
   a) Register for maintenance of accounts
   b) Register for water quality and sanitation
   c) Tuberculosis and leprosy control
   d) Minor ailments register

2. The following is not considered a technical factor while assessing performance of routine information system management
   a) Computer software
   b) HIS design
   c) Information distribution
   d) IT complexity

3. IDSP data is will be available on a real-time basis now from the earlier _____ data (fill in the blank)
   a) Daily
   b) Weekly
   c) Monthly
   d) No set frequency

4. Which of the following is not part of an information system?
   a) Input
   b) Outcome
   c) Output
   d) Process

5. The following is not considered as one of the subsystems of HIMS as per WHO
    a) Epidemiological Surveillance
    b) Routine service reporting
    c) Special programmes reporting systems
    d) Administrative systems
    e) Adverse drug reaction reporting system

2. **Write short notes**

    [Max Marks: 5x4=20, Four pages]
    1) Four aspects of data quality while reviewing the existing system
    2) Name and describe any 4 common errors in data
    3) Formal sources of data (any four examples)
    4) DIKW pyramid (with diagram)

3. **Briefly describe any five components of a state-of-the-art Tertiary care Hospital Information System**

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

4. **Describe National HIMS Information Flow with a diagram and a short description.**

    [Max Marks: 5+5=10; One Page plus One Page]

5. **You are the Chief Executive Officer of an Indian IT Firm. You have won a bid from the Development Partnership Administration of the Ministry of External Affairs, Government of India for developing the HIMS of Nauru, a small island nation in the Pacific Ocean with a population of 10,000. Assume the island has two health facilities akin to a SC, one each on West and East end of the Island and a PHC like facility in the middle of the island where government offices are located. How would you develop the HIMS for the country using 10 steps of WHO practical guide?**

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