International Institute of Health Management Research (IIHMR), New Delhi

PGDM (HOSPITAL AND HEALTH MANAGEMENT)

(Batch 2022-2024)

RE_SUPPLEMENTARY EXAM (4ᵗʰ Term)
SUPPLEMENTARY EXAM (5ᵗʰ & 6ᵗʰ Term)

HEM 709-Health Management Information System

Date: June 25, 2024   Timing & Duration: 10:30 A.M.-01:30 P.M. (3 Hrs.)   Max. Marks: 100

Instructions:
- Budget your time as per the marks given for each question and write your answer accordingly.
- Don't write anything on the Question Paper except writing your Registration No.
- Mobile Phones are not allowed even for computations.

Part A: Short Notes (5 questions *6 Marks = 30 Marks). (Attempt any 5 questions)

Q.1: Give examples of any 6 "Process" indicators related to child vaccination programme.

Q2: Describe 6 "Impact" indicators of a health programme of your choice, e.g., HIV?

Q3. Mention any 6 indicators of antenatal care, that are routinely captured and analyzed in DHIS.

Q4. Mention any 6 indicators of family planning, that are routinely captured and analyzed in HMIS.

Q5. Mention any 6 advantages of using 'computerized' HMIS system as compared to a manual one.

Q 6. Distinguish between "output" and "outcome" indicators, support with 6 examples.

Part B: Long Notes (4 questions *10 Marks = 40 Marks). (Attempt any 4 questions)

Q 1. Explain how HMIS helps in planning health interventions at the frontline level. Please, provide examples.

Q 2. What is a logic model? Describe forward and backward approaches.

Q 3. List the key challenges being faced in HMIS implementation in India?

Q 4. Describe the aspirational district program.

Q5. Describe the sample registration system of India.

Part C: Short answers (Please attempt all questions)

Q1. Mention the numerator and denominator of the indicator to measure the following. **(4x5=20 Marks)**

   a) Impact indicator for evaluating child health services
   b) Input indicator for evaluating tuberculosis control program
   c) Process indicator for evaluating immunization program
   d) Output indicator for monitoring digital health program
   e) Process indicator for evaluating anemia control program

Q2. Review the data below and highlight 5 data quality issues. **(10 Marks)**

Data elements	Block A	Block B	Block C
Total ANC registrations	306	185	323
Early registration during pregnancy	72	58	76
ANC women received 100 IFA tablets	410	175	152
ANC women with Hb < 11gm%	150	1700	64
ANC women referred to higher centres	64	150	10