International Institute of Health Management Research (IIHMR)
New Delhi

Term Exam: Nov 2021

Batch 2020-22

(Question paper – set 1)

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Time: 2 Hours	HMIS	Max Marks: 70

1. 200 patients got admitted to a hospital in a month for suspected COVID infection. 125 of them were RT-PCR positive. 20 admitted patients were critical and required ICU care. 10 patients died within 24 hours of admission. Develop and calculate 3 indicators from the data provided. **(6 marks)**

2. Prepare a logic model to evaluate the performance of Anemia Mukt Bharat program in the state of Punjab. Mention at least one indicator for each step of the model. **(10 marks)**

3. Please see the table below and answer the questions provide below. **(16 marks)**

Indicators		1		2		4		6	
		Estimated Number of Annual Pregnancies #		Total number of pregnant women Registered for ANC		Number of Pregnant women registered within first trimester		Number of pregnant women received 4 or more ANC check ups	
		2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19
1.	Andhra Pradesh	9,19,900	9,13,530	8,03,046	8,58,326	6,54,059	6,97,451	7,92,669	8,43,616
2.	Assam	8,05,700	7,97,450	6,85,229	7,01,133	6,03,179	6,01,868	5,84,592	5,72,055
3.	Bihar	32,42,100	32,09,480	33,94,623	32,71,782	23,46,394	21,88,568	23,70,252	21,76,753
4.	Chhattisgarh	7,01,100	6,93,500	6,46,957	6,32,015	5,82,836	5,57,620	6,06,623	5,66,381
5.	Delhi	3,84,600	3,73,980	7,21,322	9,31,041	3,27,469	3,35,500	4,07,582	4,07,668
6.	Goa	24,100	23,520	27,969	26,896	16,100	15,369	21,484	18,154
7.	Gujarat	14,36,800	14,22,390	12,96,148	13,49,576	10,92,037	11,29,103	11,21,390	11,46,788
8.	Haryana	6,44,300	6,35,940	5,72,676	5,91,130	4,32,948	4,18,428	4,40,795	4,36,810
9.	Himachal Pradesh	1,27,800	1,26,900	1,10,701	1,12,583	96,865	98,263	86,052	88,538

Identify 2 indicators that can be developed from the data provided. (4)
Calculate those 2 indicators for the states of Delhi and Gujarat (8)
What is your interpretation? (4)

4. How are districts ranked under Aspirational district program? **(10 marks)**
5. What are the challenges of HMIS system in India. **(8 marks)**

6. Mention any one indicator for the following. Mention the numerator and denominator to calculate the same. **(4X5=20 marks)** (please specify the indicator, the numerator and denominator separately for each indicator)
    a. Impact indicator for evaluating diarrheal control program
    b. Input indicator for evaluating HIV and AIDS control program
    c. Process indicator for evaluating Tobacco control program
    d. Output indicator for monitoring digital health program

Process indicator for evaluating Swachh Bharat program