



Institute of Health Management Research

MBA Hospital and Health Management

Batch-23 (2018-2020)

Health Management

Data Management and Analysis

Term Examination

August 2019

Time - 3 Hour

MM-70

Instructions:

- Attach the Question Paper along with the Answer Paper.
 - 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.
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Part – A: Multiple choice questions

(2 x 5 Marks = 10 Marks)

1. A pictorial diagram of frequency distribution is denoted by:
 - a. Line chart
 - b. Bar chart
 - c. Histogram
 - d. Pie chart
2. What is the correct logical sequence?
 - a. Data ---- Information ---- Fact --- Knowledge
 - b. Information ---- Data ---- Knowledge
 - c. Data ---- Knowledge ----- Information
 - d. None
3. Which of the following is not a continuous variable?
 - a. Parity
 - b. Height
 - c. Weight
 - d. Temperature

4. Which is administrative data?
 - a. HMIS
 - b. Facility records,
 - c. Annual economic survey report
 - d. NFHS survey
5. Which is the qualitative data?
 - a. Age,
 - b. Sex
 - c. Religion
 - d. Happiness

Part-B: Fill in the blank

(1x 15 marks =15 marks)

1. Identify the measurement scale for each of the following:
 - a. Number of children in family _____
 - b. Level of blood glucose _____
 - c. Sex _____
 - d. Income _____
 - e. Age _____
 - f. Hair Color _____
 - g. Religion _____

[Note: Write for Nominal (N); Ordinal (O); Interval (I); and Ratio (R)]

2. Surveillance of Data is **(Identify True or False statement)**
 - a. the tracking and forecasting of any health event
 - b. continuous collection of high quality data, the integration, analysis and interpretation of data into surveillance products
 - c. Sample survey from selected households
 - d. Summary of hospital records on specific diseases
3. Classify each of the following as a discrete (D) or a continuous (C) variable:
 - a. Intelligence _____
 - b. Rank in class _____
 - c. Ethnicity _____
 - d. Marital status _____

Part-C: Short answers**(2x10 marks =20 marks)**

1. Define quantitative and qualitative data with examples?
2. Explain type of measurement scale of data with example?

Part-D: Use SPSS data set (DM- 2019.sav)**(25 marks)**

1. Generate the following tables by using above data set in SPSS.
2. Present the data by using appropriate graph for Age, Residence, and religion.

Table 1

Background Characteristics	Percent	Number
Percent household		
Male		
Female		
Sex Ratio of HHs		
Type of Cast		
Currently married		
Never married		
Widow		
Separated		
Others		
Residence		
Rural		
Urban		
Religion of household head		
Hindu		
Muslim		
Christian		
Sikh		
Others		

Table 2

Background Characteristics	Male	Female
Residence		
Rural		
Urban		