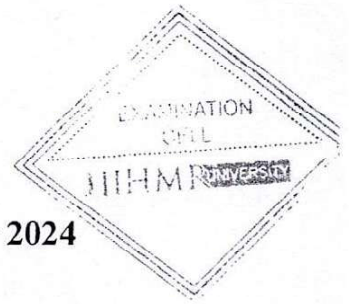


Institute of Health Management Research**MBA Hospital and Health Management****Batch-28th (2023-2025) Health Management****Second Year, Term 4 End Term Examination, November 2024****HEM-718 Data Management and Analysis****Time - 3 Hour****Maximum Marks: 50 (Minimum Marks: 20)**

Instructions to students:

- This question paper contains 2 printed pages.
- Don't write anything on the Question Paper except your Enrolment No.

Part A**(Maximum Marks: 5)****Q1. Answer the following in one word / line.**

- (a). Write the full form of SPSS. (1)
- (b). What do we observe in Chi-Square test. (1)
- (c). During Regression what variable should be placed in Row. (2)
- (d). What type of variable is mostly used in SPSS. (1)

Part B**(Maximum Marks: 15)****Answer the following questions (7.5 mark each).**

- Q2.** Write the steps to select a state from the country's data set.
- Q3.** Describe the difference between Recoding and Computing.

Part C**(Maximum Marks: 30)****Answer the following questions in detail (15 mark each).**

- Q4.** Why do we use Chi-Square test? At what value of p we generally suggest statistically significance? What is the meaning of univariate, bivariate and multivariate analysis?

- Q5.** Interpret the Table 1 given below:

Table 1 Characteristics of the Respondents (N =481)

Characteristics of the Respondents		Percent (%)
Age	18-25	32.0
	26 To 34	49.1
	35 And above	18.9
Sex	Male	67.6
	Female	32.4

Educational Qualification	Non-Technical Staff	11.4
	GNM	31.0
	BSc Nursing or Above	43.9
	Technician	13.7
Type of Family	Nuclear	39.3
	Joint	60.7
Living Status	Living Alone	35.1
	Not Living Alone	64.9
Marital Status	Never Married	41.0
	Ever Married	59.0
No. of Children	No Child	60.0
	One Child	18.7
	More Than One Child	21.3
Age of the Youngest Child	0-6 Month	27.1
	7 Months or More	12.9
	No Child	60.0
Name of the Department	Ward	46.1
	ICU	23.1
	Other (Lab, Isolation, Emergency, OT)	30.8
Work Experience	0-5 Years	56.3
	6 & Above Years	43.7
Experience in Current Organisation	New/Fresher	22.9
	1-5 Years	52.2
	6 and more years	24.9
Total Annual Family Income	Up to 2 Lakhs	26.2
	2 - 4 Lakhs	34.7
	4-6 Lakhs	24.3
	Above 6 Lakhs	14.8
Total No of Dependants	No dependent	16.7
	1-2 dependent	32.2
	3 or more	51.1
Was Social Distancing Maintained at Workplace	Never	2.3
	Always	7.7
	Sometimes	90
Felt Loneliness from Family and Friends Due to Social Distancing	Always	39.9
	Sometimes	49.9
	Never	10.2
Proper COVID Safety Training Received	91.1	
Proper Communication with Top Management	81.9	
Problem Faced in Getting PPE In Hospital	Yes	22.5
	No	65.9
	Not Applicable	11.6
Work overload during COVID-19 pandemic	61.3	
Concern for transmitting infection to family	84.4	
Recognition/Appreciation received for working in COVID-19 area	37.8	
Received Incentive for Working in COVID 19 Area	49.3	
Got Infected by COVID 19	32.0	