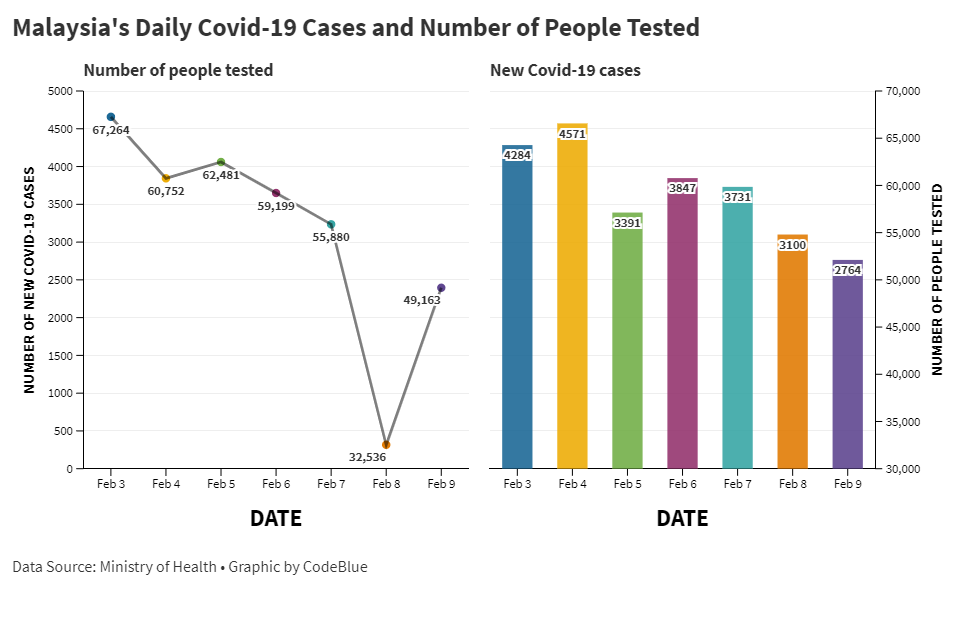
|  |  |  |  |
| --- | --- | --- | --- |
| logo KLMUC baru2 | Subject code  Subject  Assessment  Chapter | :  :  :  : | **BBM231**  **STATISTICS FOR BUSINESS**  **ASSIGNMENT 1 INDIVIDUAL**  Chapter 1: INTRODUCTION TO STATISTICS  CHAPTER 2: FREQUENCY DISTRIBUTION TABLE  CHAPTER 3: GRAPHICAL PRESENTATION |
| Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ID : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |

**Question 1**



a) Identify the title?

b) Identify the variables?

c) Determine the type of variable?

d) How many new cases on Feb 4 (as a percentage)?

e) How will you describe the relationship between the data in the bar chart and the date that people infected with COVID‐19 ?

**Question 2**

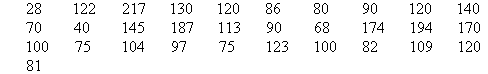
A sample of 40 bus drivers employed by public corporations was selected, and the number of traffic accidents in which each bus driver was involved during a 10-year period was determined.

|  |  |
| --- | --- |
| **Number of accidents** | **Frequency** |
| 0-5 | 10 |
| 6-11 | ? |
| 12-17 | 15 |
| 18-23 | 5 |

1. The sample size is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
2. The frequency of the second class is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. The class width of the second class is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The midpoint of the fourth class is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. The lower boundary of the third class is \_\_\_\_\_\_\_\_\_\_\_\_\_.
6. The lower limit of the second class is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. The relative frequency of first and third class are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. The upper boundary of the third class is \_\_\_\_\_\_\_\_\_\_\_\_\_.
9. The relative frequency ( in percentage ) of the fourth class \_\_\_\_\_\_\_\_\_\_ .

**Question 3**

The number of calls from motorists per day for roadside service was recorded for the month of December 2003.  The results were as follows:

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Construct a Frequency DistributionTable. Draw Histogram.Find relative frequency and percentage.