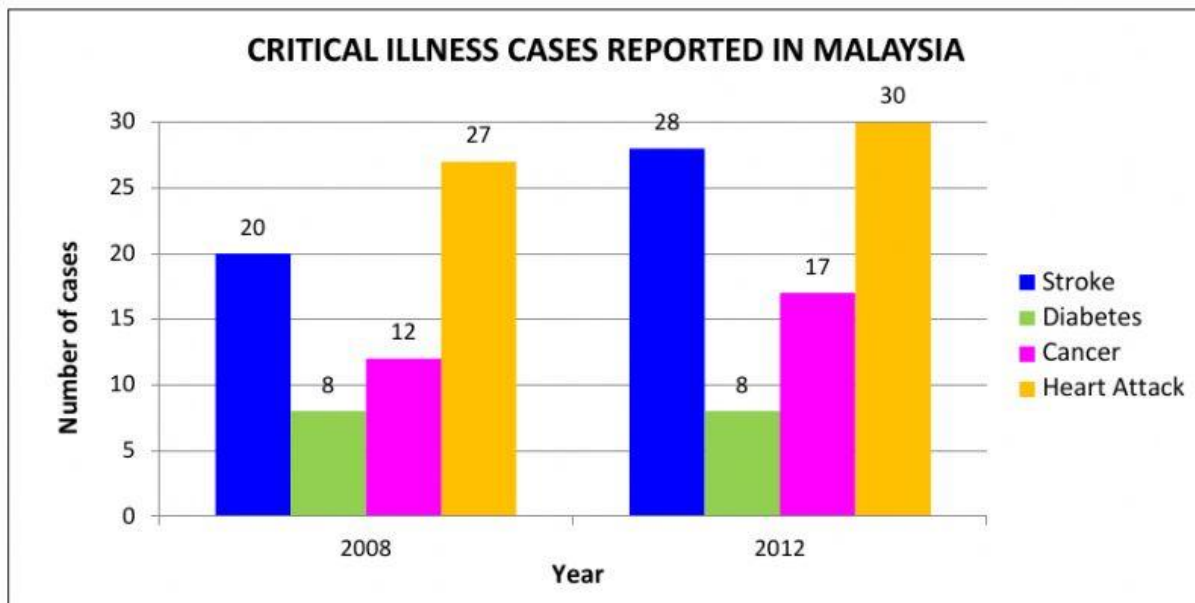**EXERCISE 1**

Study the bar chart carefully. Check the title, the key/legend and the axes so that you understand the chart. Answer the following questions.

CRITICAL ILLNESS CASES REPORTED IN MALAYSIA

1. What is the bar chart about?

    A. List of diseases in Malaysia.
    B. Critical illness cases reported in Malaysia.
    C. The highest and lowest number of illness cases in Malaysia.

2. Which one is x-axis and y-axis?

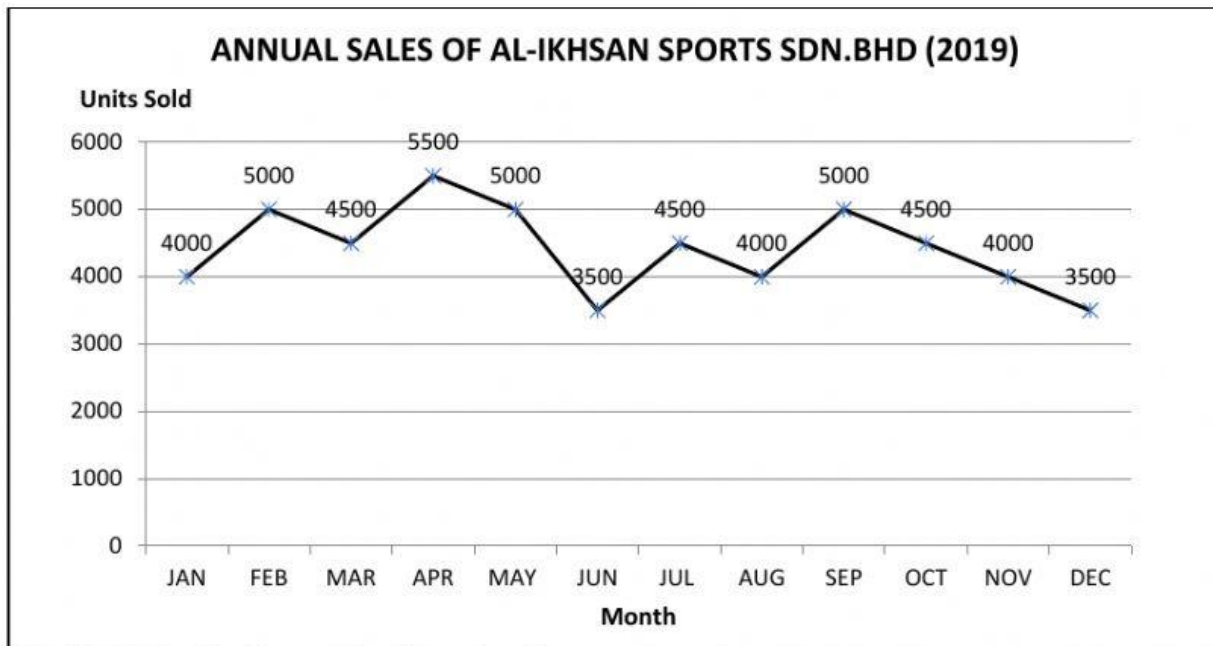   Number of cases   Year

    x-axis: _____

    y-axis: _____

3. How many variables are presented in the above chart?

    A. 2   B. 3   C. 4

4. State whether the following statements is TRUE **(T)** or FALSE **(F)**

No.	STATEMENTS	T/F
1.	The number of reported stroke cases was slightly lower than heart attack in 2008.	
2.	In 2008, the lowest number of critical illness reported was cancer with only, 12 cases.	
3.	Stroke recorded the highest number of critical illness cases reported in 2012.	
4.	Considerably more diabetes cases were reported compared to heart attack in 2008.	
5.	The number of diabetes cases maintained at the same number for both years.	
6.	In 2012, there were substantially more stroke cases reported compared to diabetes cases.	

EXERCISE 2

Study the line graph carefully. Check the title, the axes and the labels so that you understand the graph. Answer the following questions.

ANNUAL SALES OF AL-IKHSAN SPORTS SDN.BHD (2019)

Units Sold

Month	Units Sold
JAN	4000
FEB	5000
MAR	4500
APR	5500
MAY	5000
JUN	3500
JUL	4500
AUG	4000
SEP	5000
OCT	4500
NOV	4000
DEC	3500

1. What does the line graph above show?

   A. The profit gained by Al-Ikhsan in 2019.
   B. Annual sales of Al-Ikhsan Sports in 2019
   C. The most popular sports shoes in Malaysia.

2. In general, how was the sales of Al-Ikhsan Sports Sdn. Bhd in 2019?
   A. Overall, the sales increase in 2019.
   B. There was a decrease in the sales of Al-Ikhsan Sports Sdn. Bhd in 2019.
   C. Generally, Al-Ikhsan Sports sales is unstable throughout the year.

3. In which month did the sales recorded its highest level and how much sales were recorded?
   A. February – 5000 units   B. April – 5500 units   C. June – 3500 units

4. In which month did the sales recorded its lowest level and how much sales were recorded?
   A. March & July – 4500 units   B. June & Dec – 3500 units   C. August & Nov – 4000 units

5. Choose the most suitable trend for:

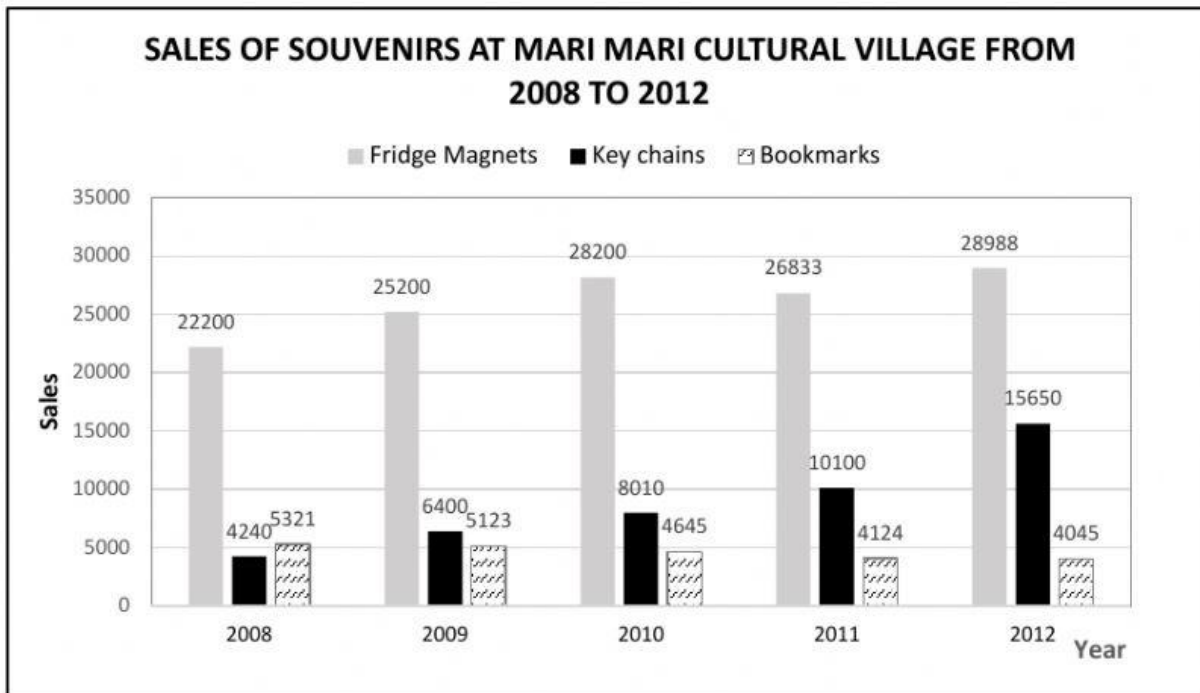   gradually dropped   slightly fell   fluctuated   recovered

   i.   January to April   : _____

   ii.   September to December : _____

EXERCISE 3

Complete the phrases.

UPWARD	DOWNWARD
___ ___ C R ___ ___ S ___	F ___ L ___
C ___ I M ___	___ ___ C R ___ ___ S ___
___ O ___ K ___ ___	___ R O ___
S ___ O O ___ ___ P	D ___ C ___ I ___ E
___ O ___ M	S ___ ___ I N ___
S ___ A ___	___ L U ___ G ___
___ I S ___	P ___ ___ M ___ ___ T
R ___ I ___ E	R ___ D U ___ ___

NO CHANGE	CHANGE IN DIRECTION
S ___ ___ G N ___ T ___	___ L ___ C T ___ ___ ___ E
___ L ___ ___ E A ___	B ___ U ___ C ___
___ ___ A Y S ___ ___ B L ___	___ E ___ K
___ T A B ___ ___ I Z ___	R ___ ___ C ___ A P ___ ___ K
___ E V ___ ___ ___ F ___	

LIVEWORKSHEETS

EXERCISE 4

Study the bar chart. Choose the most suitable phrases to fill in the blanks.

SALES OF SOUVENIRS AT MARI MARI CULTURAL VILLAGE FROM 2008 TO 2012

Legend: ▨ Fridge Magnets ■ Key chains ▨ Bookmarks

Fridge Magnets: 2008: 22200, 2009: 25200, 2010: 28200, 2011: 26833, 2012: 28988
Key chains: 2008: 4240, 2009: 6400, 2010: 8010, 2011: 10100, 2012: 15650
Bookmarks: 2008: 5321, 2009: 5123, 2010: 4645, 2011: 4124, 2012: 4045

Y-axis: Sales (0 to 35000)
X-axis: Year (2008, 2009, 2010, 2011, 2012)

The bar chart above shows the sales of different types of souvenirs at Mari Mari Cultural Village from 2008 to 2012. The sales of fridge magnets (1) _____ from RM 22, 200 in 2008 to RM 28, 200 in 2010. However, this (2) _____ in sales of fridge magnets slowed down greatly from 2010 to 2012, with (3) _____ of only RM788. The sales of key chains (4) _____ from RM4, 240 in 2008 to RM 10,100 in 2011. Sales (5) _____ from RM 10,100 in 2010 to RM 15,650 in 2012. Unlike the other two types of souvenirs, the sales of bookmarks gradually (6) _____ from RM5, 321 in 2008 to RM 4,045 in 2012.
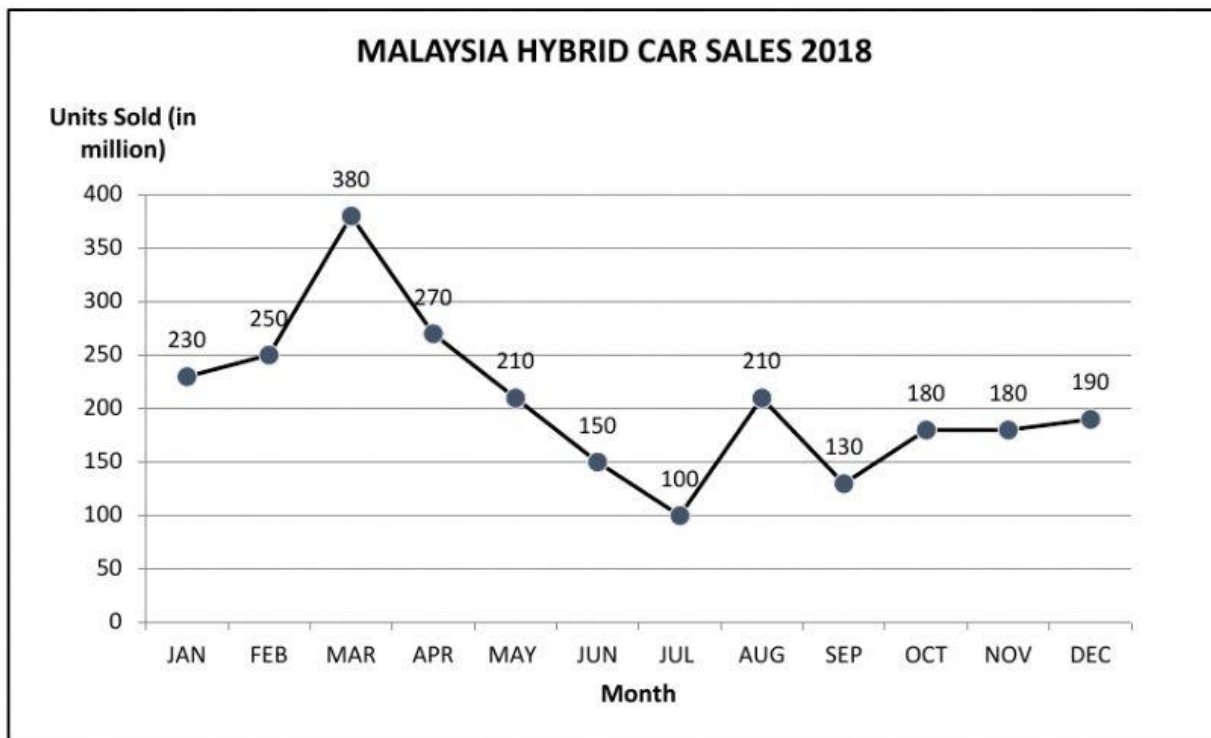
Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

increased fairly rapidly	increase
an increase	increased steadily
increased	decreased

EXERCISE 5

Study the line graph carefully. Fill in the blanks with the most appropriate word/phrase provided in the box.
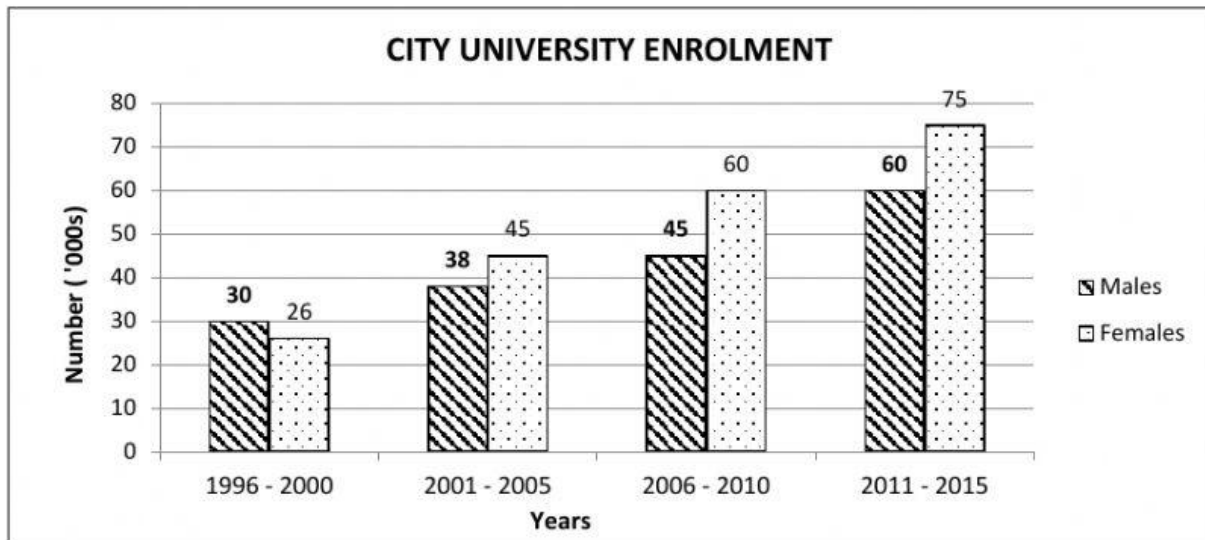
MALAYSIA HYBRID CAR SALES 2018

Units Sold (in million)

| 400 | | | | | | | | | | | |
| 380 (MAR) |
| 270 (APR) |
| 250 (FEB) |
| 230 (JAN) | 210 (MAY) | 210 (AUG) |
| 190 (DEC) |
| 180 (OCT) 180 (NOV) |
| 150 (JUN) |
| 130 (SEP) |
| 100 (JUL) |

Months: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Month

rose marginally	decreased considerably	went up steadily
increased substantially	shot up	a minimum level
minimal increase	fluctuated	dropped
considerable rise	declined gradually	stagnated

The line graph above shows sales of hybrid cars in Malaysia for 12 months in 2018. In January, hybrid car sales were about RM230 million per month. In February, the sales 1)_____ to RM250 million and 2) _____ to a peak of RM380 in March. Over the next four months, hybrid car sales 3)_____ reaching 4)_____ of RM100 million in July. However, in August, there was a 5)_____ in the number of sales at 210 million. Then sales 6) _____ again in September with only 130 million units sold. In October and November, sales 7)_____ at RM180 million and had a 8)_____ to RM190 million in December.

EXERCISE 6

Study the bar chart carefully. Fill in the blanks with the most appropriate word/phrase provided in the box.
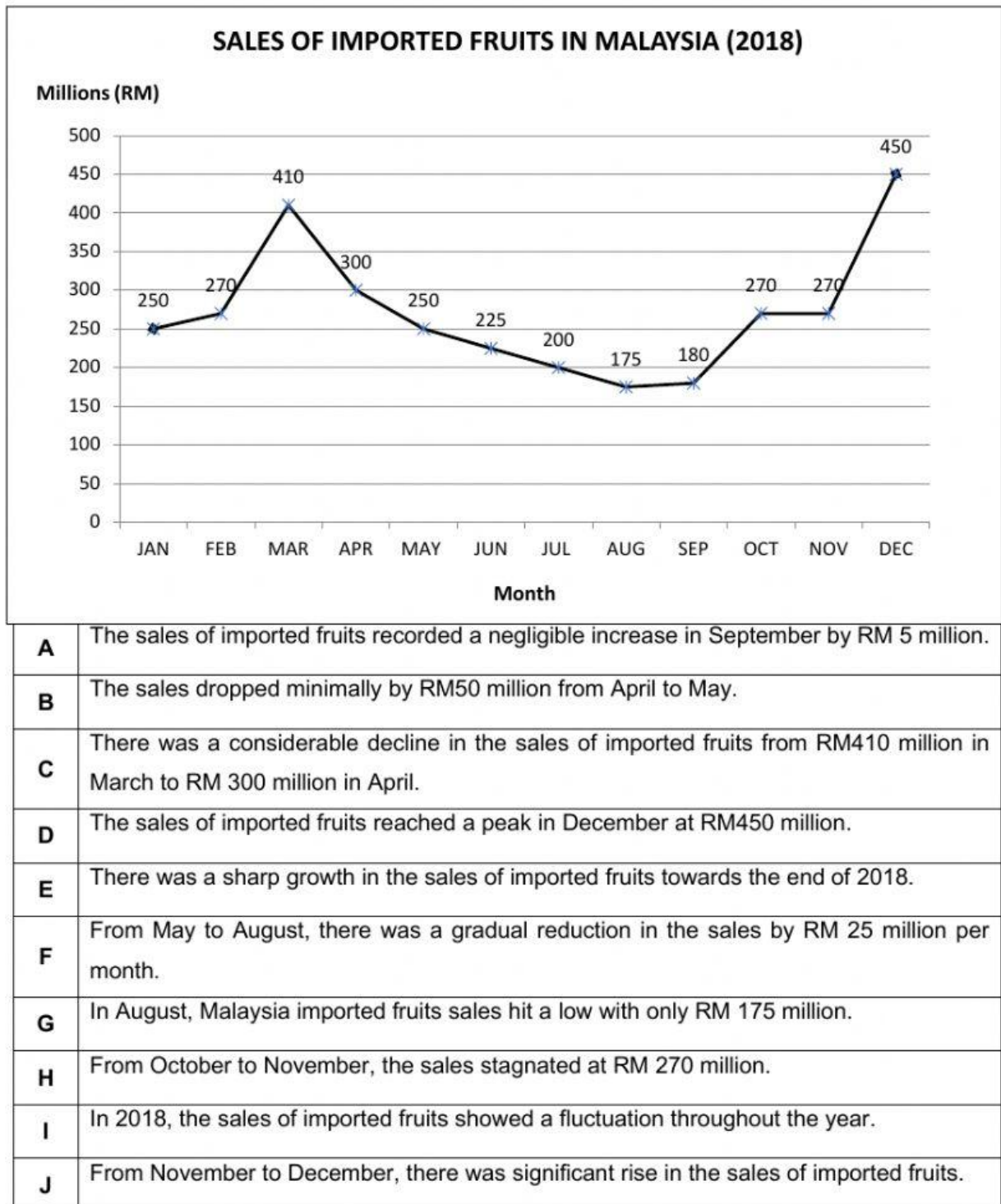
CITY UNIVERSITY ENROLMENT

Number ('000s)

Males 30, Females 26 (1996 - 2000)
Males 38, Females 45 (2001 - 2005)
Males 45, Females 60 (2006 - 2010)
Males 60, Females 75 (2011 - 2015)

■ Males
□ Females

Years

rose slightly	significant increase	tripled
steady rise	rise	increased gradually
increased	improved	doubled
substantially more	climbed	slightly more
a slight growth	minimal drop	plummeted

The bar chart above shows the number of students who enrolled at City University between 1996 to 2015. Generally, both male and female enrolments have 1) _____ throughout the 20 years.

In 1996 to 2000 period, 2) _____ males enrolled at the university at 30, 000 than females at 26,000. The figures 3) _____ to 38,000 and 45,000 respectively in the 2001 – 2005 period but the number of females surpassed the number of males. In the 2006 – 2010 period, the number continued to 4) _____ with female numbers still outnumbering males' at 60,000 and 45,000 respectively. In the 2011 – 2015 period, female enrolments 5) _____ further to 75, 000 and male enrolments also 6) _____ to 60, 000. The figure for males 7) _____ to 60,000 in the 2011 – 2015 period compared to 30,000 in the 1996 – 2000 period. However, female enrolment almost 8) _____ from 26,000 to 75,000 during the same period. Male enrolment recorded a 9) _____ by 7,000 from the 2001 – 2005 period (38,000) to the 2006 – 2010 period (45,000), while female enrolment chartered a 10) _____ by 15,000 during the same period. To conclude, more females than males enrolled at City University.
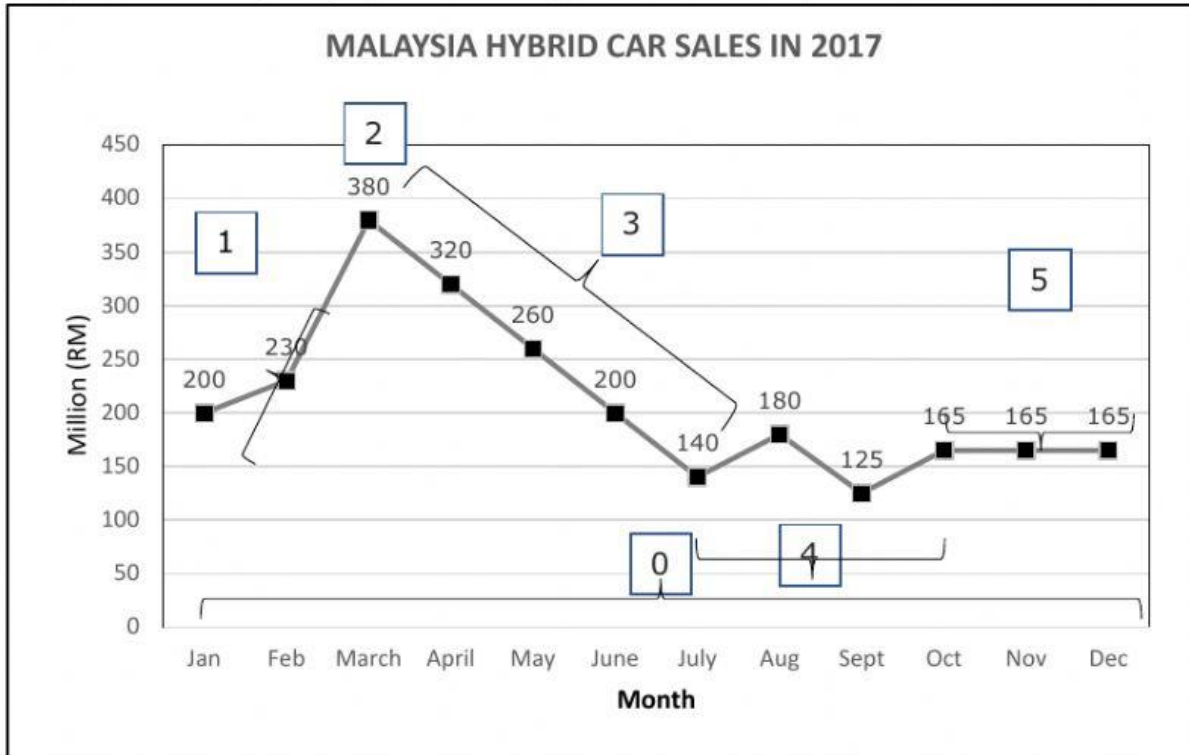
EXERCISE 7

Study the line graph. Label the trend in the graph by choosing from A to J.

SALES OF IMPORTED FRUITS IN MALAYSIA (2018)

Millions (RM)

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Sales	250	270	410	300	250	225	200	175	180	270	270	450

A	The sales of imported fruits recorded a negligible increase in September by RM 5 million.
B	The sales dropped minimally by RM50 million from April to May.
C	There was a considerable decline in the sales of imported fruits from RM410 million in March to RM 300 million in April.
D	The sales of imported fruits reached a peak in December at RM450 million.
E	There was a sharp growth in the sales of imported fruits towards the end of 2018.
F	From May to August, there was a gradual reduction in the sales by RM 25 million per month.
G	In August, Malaysia imported fruits sales hit a low with only RM 175 million.
H	From October to November, the sales stagnated at RM 270 million.
I	In 2018, the sales of imported fruits showed a fluctuation throughout the year.
J	From November to December, there was significant rise in the sales of imported fruits.

EXERCISE 8

Analyze the following line graph and rearrange the correct description of the trend.

MALAYSIA HYBRID CAR SALES IN 2017

Example: 0 - The horizontal axis represents the months from January to December.

rose   RM230 million   to   RM380 million   from   in January   in March.   The sales of Malaysia hybrid

cars   moderately   slightly

1. _____

reached a peak   at   in March.   RM380 million   The Malaysia hybrid car sales

2. _____

drastically   RM140 million   dropped   The Malaysia hybrid car sales   in July.   to   gradually

3. _____

a minimum of RM125 million   a fluctuation   with   and   between July and October.   in the sales of

hybrid cars   a maximum of RM180 million   There was

4. _____

in the Malaysia hybrid car sales   a stagnation   There was   at RM165 million   from October to

December.

5. _____