Name: _____

ASM Tuition Academy

BAR GRAPH

Instructions:

- Use **black** ink or ball-point pen.
- Answer all questions.
- Answer the questions in the spaces provided
  - there may be more space than you need.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
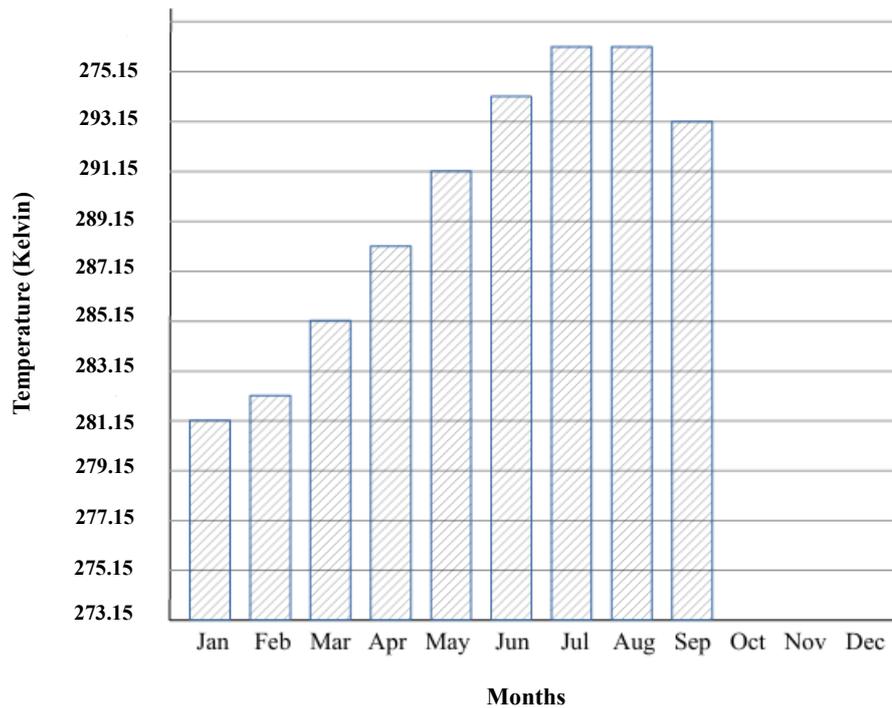- You must **show all you're working out.**

Information:

- The marks for each question are shown in brackets
  - use this as a guide as to how much time to spend on each question.

Advice:

- Read each question carefully before you start to answer it.
- Keep an eye on time.
- Try to answer every question.
- Check your answers if you have time at the end.

Q1. Here is a bar chart showing the average maximum monthly temperature (K) in Islamabad

Here are the average monthly temperatures in October, November and December.

October 289.15 K

November 284.25 K

December 281.15 K

(a) Complete the bar chart to show this information.

(b) In which two months were the highest average temperatures recorded?
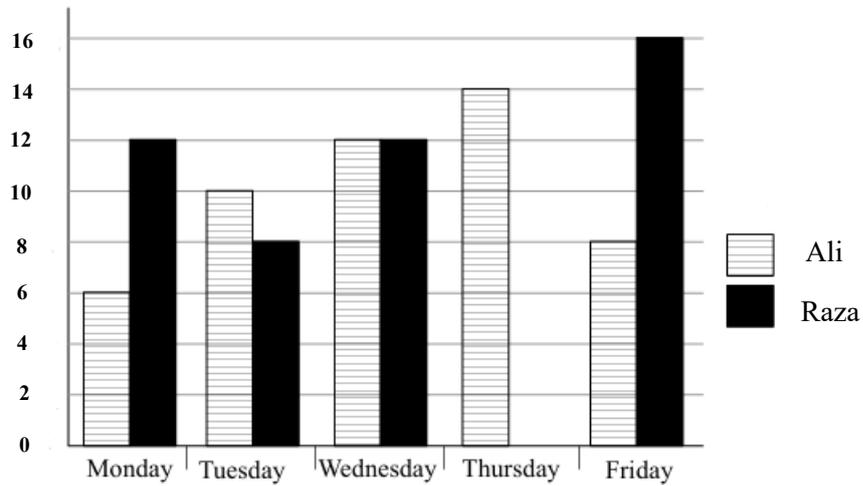
…......................…. and …........................…

(c) Work out the range of average monthly temperatures

…..........................K

(Total for question 1 is 4 marks)

Q2. Here is a bar chart showing the number of kilometers Ali and Raza ran from Monday to Friday in a week.

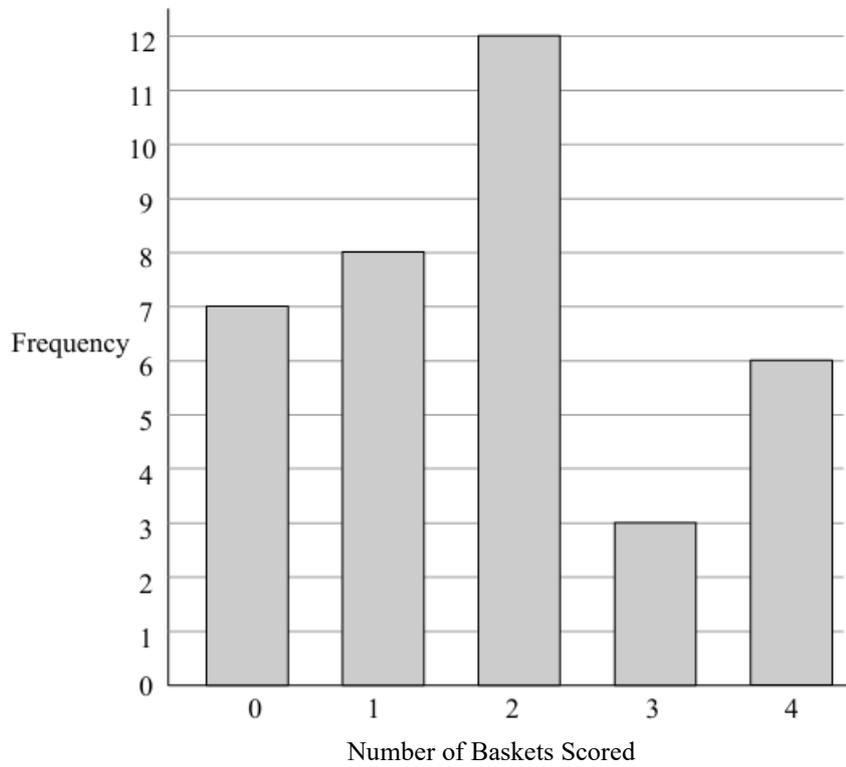Raza runs further than Ali on Monday.

(a) How much further? Raza ran 6 kms on Thursday

(b) Use this information to complete the bar chart. Raza is not going to run on Saturday.

(c) How many miles would Ali have to run on Saturday so that the number of kilometers she runs from Monday and Saturday is the same as the number of miles Raza runs from Monday to Saturday.

…..…....................…..........................

(Total for question 2 is 4 marks)

Q3. Here is a bar chart showing the number of baskets scored in a game by a basketball team in a season.
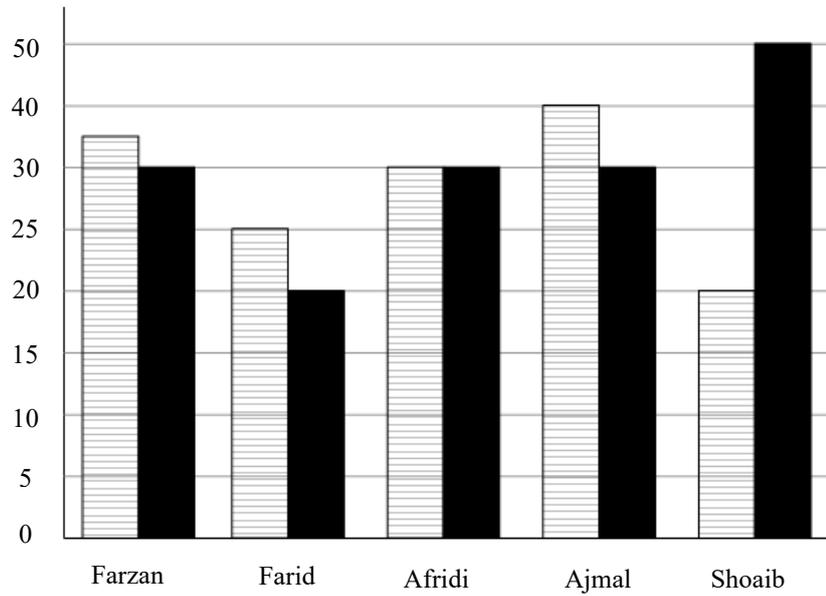

(a) What is the modal number of baskets scored.

(b) Work out the total number of baskets were scored in total by the team.

…..

(Total for question 3 is 4 marks)

Q4. Here is a bar chart showing the scores of five students in their Physics and Chemistry tests.

Write down three things wrong with this graph

....

....

....

Q5. Elsa records the colours of the cars in the school car park. Here is the list of the colours of the 20 cars.

(a) Complete the table to show this information.

Gray	Gray	Pink	Gray	Red
Pink	Red	Green	Gray	Green
Pink	Green	Pink	Green	Pink
Pink	Pink	Green	Gray	Green

	Tally	Frequency
Pink		
Green		
Red		
Gray		

(b) Draw a bar chart for this information

(Total for question 5 is 5 marks)

Q6. 20 students in each year 5 and year 6 were asked how about their favourite biscuits.

The table gives information about the results.

	Rio	Sooper	Prince
Year 5	3	5	7
Year 6	4	9	8

(b) Draw a bar chart for this information

Q7. Some people were asked about their favorite fielding position in cricket. The table shows the results for males and the results for females.

	Mid-wicket	Fine-Leg	Cover
Males	7	2	9
Females	2	6	11

(b) Draw a bar chart for this information

(Total for question 7 is 5 marks)