

Q1: For a sample of 100 cancer patients in Saudi Arabia, we measure how long the patient lives after diagnosis, then in this experiment:

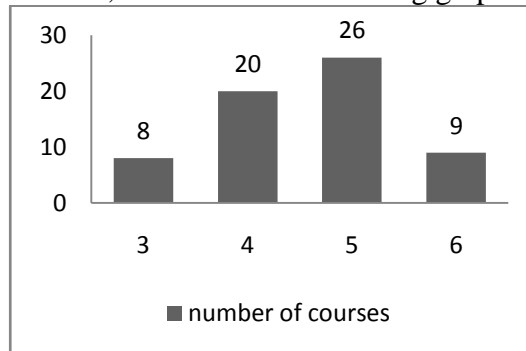
1. The population is :

Saudi Arabia	all cancer patients in S.A	100 Saudi patients	all Saudi patients
--------------	----------------------------	--------------------	--------------------

2. The Variable is:

number of patients	length of life after diagnosis	cancer	all Saudi patients
--------------------	--------------------------------	--------	--------------------

Q2: For a sample of students in KSU, we obtain the following graph:



1. How many students take at most 4 courses

8	55	28	35
---	----	----	----

2. What a percentage of students take less than 4 courses

0.4444	8	44.44	12.69
--------	---	-------	-------

3. The smallest value of the variable

8	3	1	0
---	---	---	---

4. The Sample Mode is

26	6	9	5
----	---	---	---

Q3: We measure the number of visits to the clinic made by 14 pregnant women in their pregnancy period:

15 12 13 11 14 9 17 16 12 8 15 14 13 14

1. The sample mean is:

14	14.077	13.07	8.5
----	--------	-------	-----

2. The sample median is:

13	14	7.5	13.5
----	----	-----	------

Q5: The following table gives the serum cholesterol level(in mmol/l) for a sample of 20 saudi women:

serum cholesterol	True Classes	Midpoints	Frequency	Relative Frequency	Cumulative Frequency
3-4			3		
5-6				0.5	
			20		