

# \*SOLUTIONS\*

King Fahd University of Petroleum & Minerals  
Department of Mathematical Science  
STAT-211-Term043-I -Quiz #2

Name: \_\_\_\_\_

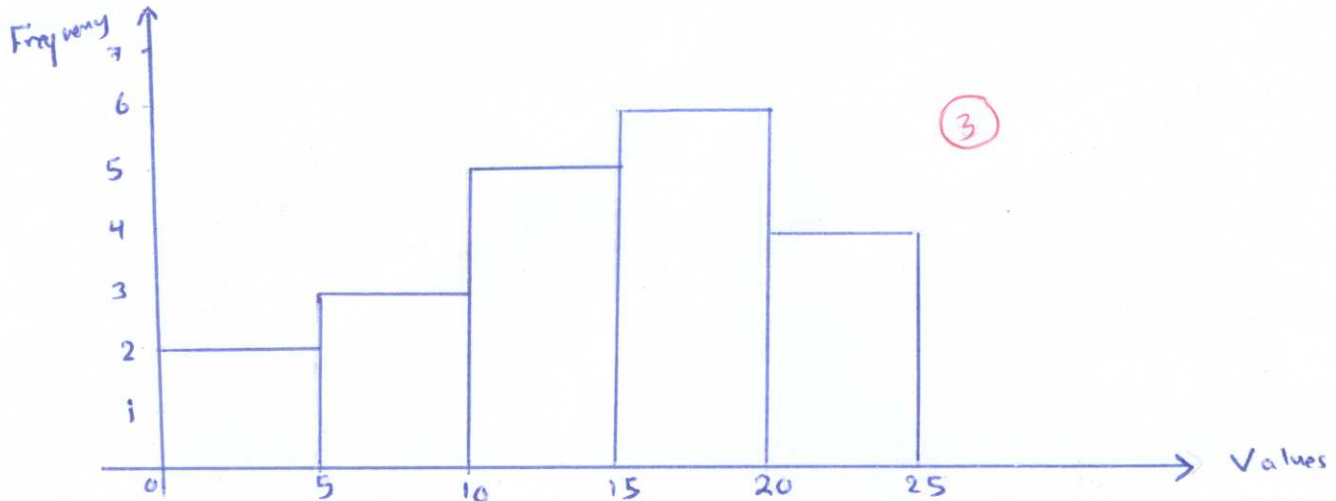
ID: \_\_\_\_\_

Serial: \_\_\_\_\_

## Question One (5-Points)

For the following table, Construct the frequency histogram, and comment on the shape of the distribution.

Interval	0 to 5	5 to 10	10 to 15	15 to 20	20 to 25	Total
Frequency	2	3	5	6	4	20



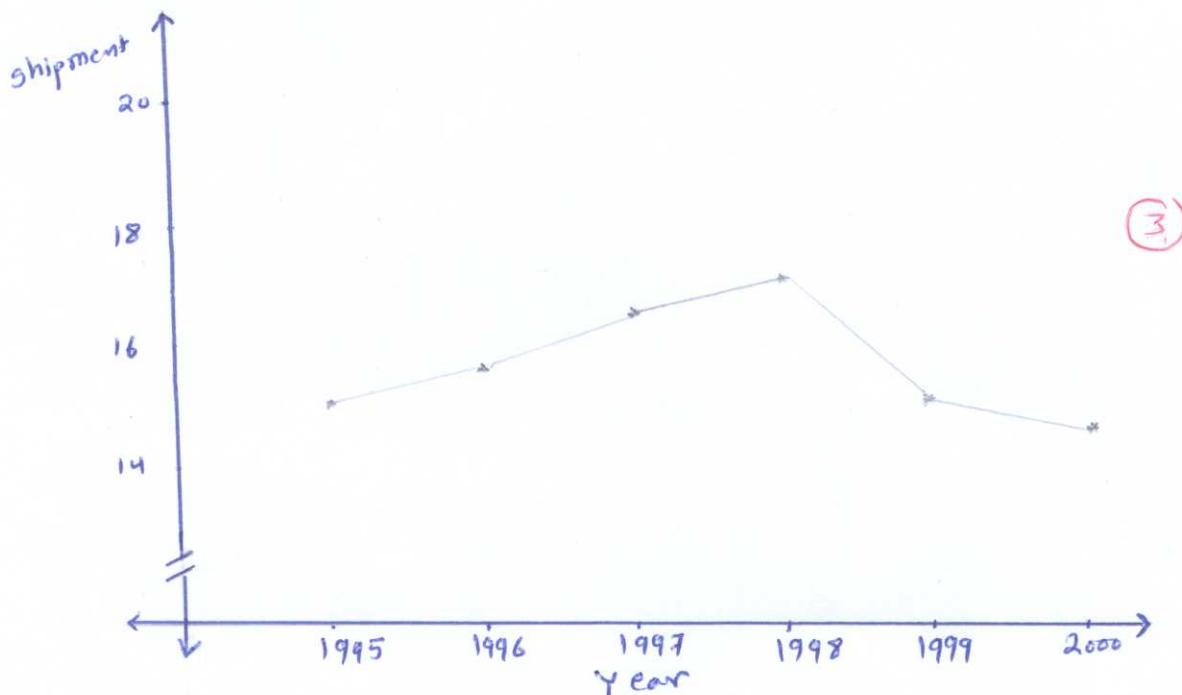
Comment: The data is left skewed. (2)

## Question Two :( 5-Points)

Consider the following table which contains information about a certain product shipments in Millions of S.R.

Year	1995	1996	1997	1998	1999	2000
Shipment	15	15.5	16.5	17	15	14.5

Prepare the suitable graph for the data and comment on the shape



Comment: Line chart shows that shipments increase from 1995 to 1998 then decrease from 1998 to 2000. (2)