

I. Do the Following:

1. Find mean deviation about the mean for the following data:

x_i	2	5	6	8	10	12
f_i	2	8	10	7	8	5

2. Find the mean deviation about median for the following data:

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No.of girls	6	8	14	16	4	2

3. Find mean, variance and standard deviation for first 10 multiples of 3.

4. Find mean, variance and standard for the following frequency distribution

Classes	0-10	10-20	20-30	30-40	40-50
Frequencies	5	8	15	16	6

5. Find mean deviation about mean and median for the data:

4,7,8,9,10,12,13,17.

EVERWIN VIDHYASHRAM

23.01.20

TT – Computer Science

STD:XI (Con)

Marks:25

I. Answer in short:

4x2=8

1. What is MySQL and its advantage?
2. How will you access a Database?
3. What is meant by Null value? Can you use Nul in arithmetic expression?
4. Name some SQL Elements.

II. Answer in Brief:

5. Which operator concatenates two strings in a Query result? With example.
6. Compare Char and Varchar data types
7. Which keyword eliminates the redundant data from a Query result? With example.
8. What is a function? Name some MySQL functions.

III. Answer in Detail:

5x1=5

9. Write SQL commands for the following on the basis of given table STUDENT:

No	Name	Stipend	Stream	AvgMark	Grade	Class
1	Karan	400.00	Medical	78.5	B	12B
2	Divakar	450.00	Commerce	89.2	A	11C
3	Divya	300.00	Commerce	68.6	C	12C
4	Arun	350.00	Humanities	73.1	B	11A
5	Sabina	500.00	Nonmedical	90.6	A	12B
6	John	400.00	Medical	75.4	B	11A
7	Robert	250.00	Humanities	64.4	C	12A
8	Rubina	450.00	Nonmedical	88.5	A	12B

- a) Select all the Nonmedical stream from STUDENT
- b) List the names of those students who are in class 12 sorted by stipend.
- c) List all students sorted by AvgMark in descending order.
- d) Display a report, listing Name, Stipend, Stream and amount of stipend received in a year assuming that the stipend is paid every month.