Fakir Chand College
B.com Semester-I(Honours/General/Major) 2020
Internal Assessment
Subject :Business Statistics

Paper Code: GE 1.1Chg   Full Marks:5

Answer any one

1. *Find the Median of the following frequency distribution:*   *5*

Value	1	2	3	4	5	6	7	8	9
Frequency	3	8	12	17	26	18	9	3	1

2.*Find the standard deviation of 2,4,5,6 and 8.*   *5*

Fakir Chand College
B.com Semester-I(Honours/General/Major) Supplementary Examination 2020(Under CBCS)
Subject :Business Statistics

Paper Code: GE 1.1Chg   Full Marks:40

Answer any two

1.a) *Draw a* **blank** **table** *showing the distribution of students in a college with three faculties Science, Commerce and Arts for 1st ,2nd and 3rd year pass classes only.*

b) Marks obtained by 30 students in Business Mathematics and Statistics are given below: 12,19,68,72,27,11,21,19,32,75,52,84,43,18,37,24,39,7,57,41,23,64,93,40,48,47,23,11,19,52. Draw up a **frequency distribution** *table with class interval of 10 marks.*

                                                                    10+10=20

2.a) Represent the following data by suitable **bar diagram:**
Production of sugar in India (in lakh tons)

Year	2006	2007	2008	2009	2010
Sugar production	10	14	20	25	29

b) Draw a **pie diagram** *to represent following data relating to the production cost of a manufacturer :*

Cost of material	Rs.38400
Cost of labour	Rs.30720
Direct expenses	Rs.11520
Factory overhead expenses	Rs.15360

                                                                    10+10=20

3.a) Find the **Geometric Mean** *of the set of numbers:47,52,66,85,123.*

b) Find **the median** *of the given numbers :*
i)21,12,49,37,88,46,55,74,63
ii)88,72,33,29,70,86,54,91,61,57.

                                                                    10+(5+5)=20