

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION DECEMBER 2023
(First Semester)

Branch – BANKING, STOCK & INSURANCE

BUSINESS STATISTICS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Choice of a particular chart depends on: a) The purpose of study b) The nature of data c) The type of audience d) All the above	K1	CO1
	2	Which of the following is one-dimensional diagram? a) Bar diagram b) pie chart c) cylimder d) a graph	K2	CO1
2	3	The algebraic sum of deviations of a set of n values from their arithmetic mean is a) n b) 0 c) 1 d) None of these	K1	CO2
	4	10 is the mean of a set of 7 observations and 5 is the mean of a set of 3 observations. The mean of a combined set is given by a) 15 b) 10 c) 8.5 d) 7.5	K2	CO2
3	5	The coefficient of correlation will have positive sign when: a) X is increasing and Y is decreasing b) both X and Y are increasing c) X is decreasing and Y is increasing d) there is no change in X and Y	K1	CO3
	6	The coefficient of correlation : a) can take any value between -1 and +1 b) is always less than -1 c) is always more than +1 d) cannot be zero	K2	CO3
4	7	Graphical method is normally used to measure a) Seasonal variation b) Trend c) Cyclic variation d) None of these	K1	CO4
	8	The formula $(\sum w_j p_{ij} / \sum w_j p_{oj}) \times 100$ is for calculating a) Quantity index number b) price index number c) Industrial production index number d) None of these	K2	CO4
5	9	To move to the previous worksheet press a) Ctrl+PgUp b) Ctrl+PgDn c) Shift+Tab d) Ctrl+Tab	K1	CO5
	10	Which types of charts can excel produce? a) Line graphs and pie charts only b) Only line graphs c) Bar charts, line graphs and pie charts d) Bar charts and line graphs only	K2	CO5

Cont...

