

QP CODE: 21102739



Reg No :

Name :

B.VOC DEGREE EXAMINATIONS, OCTOBER 2021

Fourth Semester

B.Voc Business Accounting and Taxation

TBOC403 - STATISTICS FOR ANALYSIS

2019 Admission Onwards

38493C96

Time: 3 Hours

Max. Marks : 80

Part A

Answer any **ten** questions.

Each question carries **2** marks.

1. Define statistics. Give examples of how statistics can lend credibility to an argument.
2. Explain how statistics can be misused.
3. Draw a histogram based on the faculty enrollment of ABC college
Mid Frequency 15 10 25 24 35 40 45 32 55 20 65 14 75 4
4. Explain the uses and importance of Graph.
5. Why arithmetic mean considered to be the best average?
6. Find harmonic mean of the following values. 2,3,4,5.
7. What are measures of dissipation?
8. Who are the parties intrested in financial analysis?
9. Which are the methods or devices used for financial statement analysis?
10. Explain any 2 precaution for use of ratios.
11. From information is related to share price of reliance jio for the first week of June 2020.
draw trend line
Day price 1.03.2020 110 2.03.2020 112 3.03.2020 114 4.03.2020 111 5.03.2020 115
6.03.2020 113 7.03.2020 118
12. Discuss trend analysis.

(10×2=20)

Part B

Answer any **six** questions.

Each question carries **5** marks.



13. State two reasons for the distrust of Statistics.
14. Narrate the characteristics of statistics.
15. Draw less than ogive
Marks 10-19 20-29 30-39 40-49 50-59
No of students 5 10 18 12 5
16. Explain different type of Bar diagram
17. Calculate AM from the following data
class interval frequency 4 -6 1 7 - 9 3 10 - 12 7 13 -15 15 16 - 18 11 19 - 21 3 22 - 24 2
18. Weight of nine students of a class is given below. Calculate mean deviation, using median and arithmetic mean of the series. Also calculate coefficient of mean deviation:
Weight (kg) : 47, 50, 58, 45, 53, 59, 47, 60, 49.
19. Calculate trend percentage Year Sales Stock Profit 2004 1881 709 321 2005 2340 781 435 2006 2655 816 458 2007 3021 944 527 2008 3768 1154 672.
20. Explain the uses of analysis of time series for Businessman.
21. Explain the method of least square.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Discuss the misuse of statistics.
23. What is classification? Explain objectives and methods of classification.
24. What do you understand by the analysis and interpretation of financial statement?
Discuss.
25. Importance of time series analysis.

(2×15=30)