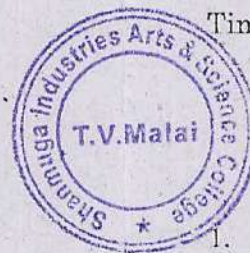


APRIL/MAY 2019

**BABT42 — BIOSTATISTICS AND BASIC  
COMPUTER APPLICATIONS**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is data?
2. Define sampling.
3. Calculate the mean for the following  
32, 40, 36, 24
4. What is standard deviation.
5. What are the types of correlation analysis.
6. What is significance of students T test.
7. Name any two output device.
8. What is the use of hardware.
9. What is MS excel?
10. What is spread sheet ?



SECTION B — ( $5 \times 5 = 25$  marks)

Answer ALL questions.

11. (a) Outline the scope of Biostatistics.

Or

- (b) How data are collected?

12. (a) How central tendency are measured in excel.

Or

- (b) Write short notes on a) Range b) quadrilateral.

13. (a) How r values are calculated?

Or

- (b) Write the significance of chi square test.

14. (a) What are the parts of computer system?

Or

- (b) Write about the significance of binary numbers in computer.

15. (a) What is work book and its significance?

Or

- (b) How to delete the rows and columns in Excel?

SECTION C — ( $3 \times 10 = 30$  marks)

Answer any THREE questions.

16. How data are tabulated and presented in graph?

17. Describe the methods involved in measure of variation.

18. Explain how regression analysis was done using excel.

19. Elaborate on the various languages of computer.

20. Give a detailed account in performing mathematical calculations in excel.

