

TV153720A

Reg. No:

Name:

B.VOC. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016

SEMESTER III - SOFTWARE DEVELOPMENT

VSD3S13TB – BASIC STATISTICS AND SPSS

Time: Three Hours

Maximum Marks: 80

PART A

(Short Answer Questions)

I. Answer all questions. Each question carries 1 mark

1. What is secondary data?
2. Find median of the following data.
6, 3, 18, 28, 10
3. Define the level of significance.
4. Name the test used to test the equality of population variances of two normal populations.
5. What is the use of AutoFilter option in M.S Excel?
6. What is SPSS?

(6 x 1 = 6)

PART B

(Brief Answer Question)

II. Answer any seven question in one or two sentence. Each question carries 2 marks

7. What is central tendency?
8. Define coefficient of variation.
9. What is confidence interval?
10. Define independence of attributes.
11. What are the uses of t –test?
12. Explain any one characteristics used for classification.
13. What are the main formatting techniques applicable for a slide in MS Excel?
14. Name the data handling techniques in MS Excel.
15. What is the command on SPSS menu bar to perform frequencies data analysis?
16. Differentiate between SPSS data editor and OUTPUT SPSS viewer.

(7 x 2 = 14)

PART C

(Descriptive / Short answer questions)

III. Answer any five questions in 50 words. Each question carries 6 marks

17. What are the characteristics of a good measure of dispersion?
18. How can a Histogram constructed?
19. What are the properties of a Normal distribution?
20. Explain the test of independence of attributes.

21. Explain grouped and ungrouped frequency tables.
22. Explain the use of Auto filter option in MS Excel.
23. What are the main formatting techniques applicable for a slide in MS PowerPoint?
24. What are the properties of a variable in SPSS?

(5 x 6 = 30)

PART D
(Long Essay)

IV. Answer any two questions in 100 words. Each question carries 15 marks

25. Explain the construction of ogives.
26. Compare census and sampling.
27. Explain any two methods of studying association.
28. Define a normal distribution and state its importance.

(2 x 15 = 30)