

Paper No: 405 (Information Technology and Data Analysis)

1. Main Objectives:

Unit: 1 SPSS

- Starting SPSS
- Entering Value in Worksheet
- Descriptive statistics
Frequency Distributions
Table and Cross tabulation
Mean, median, mode, standard Deviation

Unit: 2 SPSS:

- Correlation
- Regression
- Covariance and auto covariance
- Hypothesis Testing T-Test, F Test (ANOVA)
- Creating Charts

Unit: 3 Explain:

- ATM Bug Virus Password
- Byte Bit Web Modem
- Program Flowchart Boot POST
- Backup LAN WAN MAN
- ASCII

Unit: 4 Installation:

- Installing Basic software Like MS Office
- CD Burning Software Installations
- Installing or Adding Printer
- Installing or Adding Fonts
- Installing Sound driver
- Installing Drivers for any Hardware
- Installing new software and removing them using control panel

Structure of Question Paper (Theory): (35 Marks Time : Three Hours)

Question No.	Marks	Note	Unit
1	10	Short notes any Two out of Four	One from Each 1,2,3,4.
2	15	Write Procedure Any Fifteen out of Eighteen	Five From Each 1,2,3,4.
3	05	Short Question Any Five out of Eight	Two from each Unit.
4	05	Multiple Choice Questions Compulsory five MCQ	Minimum one from each Unit.

Scheme of Practical examination:

Time : 3 Hours

Total Marks : 35

- Practical based on Networking (One out of two) 12 Marks
- Practical based on Installation (One out of two) 12 Marks
- Viva 06 Marks
- Journal 05 Marks

References:

- Personal computer, windows 98 and Microsoft office 2007 Antani Hemang and Shah Keyur, THM.
- PC software for windows 98 mad simple, Taxali R K, THM.
- Mastering Microsoft Office 2000, D.P. Nagarpal, Wheeter Publishing.