

Paper No: 405 (Information Technology and Data Analysis)

1. Main Objectives:

2. The Scheme of question paper:

- The paper will consist **four units**.
- Each Unit Should be given equal weight age in examination
- Total Marks are:**100**

70: External Examination

30: Internal Evaluation

10 Marks: Internal Examination.

10 Marks: Seminar, Presentation, Assignment.

10 Marks: Practical, Book Review Field Work, Quiz, and Research Report.

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

References:

Personal Computer, windows XP Vista, and Microsoft Office 2007, Antani Hemang and Shah Keyur, TMH
PC Software for windows 98 made simple, Taxali RK, TMH
Mastering Microsoft Office 2000 D.P. Nagpal, Wheeler Publishing.