

PhD Course Work Question Bank

Subject: Computer Application

Part	I	II	III	IV	V	VI
Unit	I	I	II	II	III	III

Part I (Unit -1)

- Q. 1 Write in detail about **(1 x 10 = 10Marks)**
- i. Computer
 - ii. RAM
 - iii. ROM
 - iv. CPU
 - v. M-Commerce
 - vi. E-Mail
 - vii. Program
 - viii. Software
 - ix. Operating System
 - x. Application Software
- Q. 2 Describe the followings: **(2 x 5 = 10 Marks)**
- (a) Types of Computer
 - (b) Types of Software
- Q. 3 Differentiate the followings: **(4 x 2.5 = 10 Marks)**
- (a) Application Software and System Software
 - (b) Single User and Multi User Operating System
 - (c) Single Tasking and Multi Tasking Operating System
 - (d) E-Commerce and M-Commerce
- Q. 4 What is Computer? Explain the various types of Computers.
- Q. 5 Explain the classification of Computers in detail.
- Q.6 What is Computer Memory? Describe about Primary Memory and Secondary Memory.
- Q.7 What is Operating System? Explain the types of Operating System.
- Q.8 What is E-Commerce? Explain the types of E-Commerce.
- Q.9 What is Software? Explain the various types of Software.
- Q.10 What is M-Commerce? Explain the applications of M-Commerce.

Part II (Unit –1)

- Q. 1 Write in detail about (1 x 10 = 10Marks)
- i. Memory
 - ii. Printer
 - iii. Bar Code Reader
 - iv. ALU
 - v. E-Commerce
 - vi. E-Shopping
 - vii. Compiler
 - viii. Interpreter
 - ix. Unix
 - x. System Software
- Q. 2 Describe the followings: (2 x 5 = 10 Marks)
- (a) Types of E-Commerce
 - (b) Types of Operating System
- Q. 3 Differentiate the followings: (4 x 2.5 = 10 Marks)
- (a) First Generation Computers and Second Generation Computers
 - (b) Compiler and Interpreter
 - (c) CUI and GUI
 - (d) General Purpose Software and Specific Purpose Software
- Q. 4 What is Real Time Processing Operating System? Explain the areas where Real Time Processing Operating System can be used and also give the example of this type of Operating System.
- Q. 5 Explain the application of computers for business and Research in detail.
- Q.6 What is Online Shopping? Explain the advantages and disadvantages of Online Shopping. Give some examples of Online Shopping websites.
- Q.7 What is E-Governance? Give some real life examples where E-Governance is useful.
- Q.8 What is E-Banking? What are the advantages of E-Banking? Explain in detail.
- Q.9 What is System Software? Explain the various types of System Software with example.
- Q.10 What is the difference between E-Commerce and M-Commerce? Give some examples of M-Commerce in our daily life with explanation.

Part III (Unit –2)

- Q. 1 Write in detail about **(1 x 10 = 10Marks)**
- i. Data Communication
 - ii. Local Area Network
 - iii. Wide Area Network
 - iv. Internet
 - v. Intranet
 - vi. Extranet
 - vii. Website
 - viii. Email
 - ix. Search Engines
 - x. E-Communication
- Q. 2 Describe the followings: **(2 x 5 = 10 Marks)**
- (a) E-Collaboration
 - (b) MS-Office
- Q. 3 Differentiate the followings: **(4 x 2.5 = 10 Marks)**
- (a) Function and Formula
 - (b) Web Page and Web Site
 - (c) Carbon Copy and Blind Carbon Copy in E-mail
 - (d) Local Area Network and Wide Area Network
- Q. 4 Describe about various types of Network (Geographical Area Wise) in detail.
- Q.5 Explain the various features of MS-Word.
- Q.6 Explain the various features of MS-Excel.
- Q.7 Explain the various categories of functions in Excel.
- Q.8 What is PowerPoint? How PowerPoint can be helpful in different-2 professions? Explain.
- Q.9 What is Computer Network? What are the advantages of Networking? Explain in detail.
- Q.10 What are the advantages of E-Communication? Describe in detail.

Part IV (Unit –2)

- Q. 1 Write in detail about **(1 x 10 = 10Marks)**
- i. Mail Merge
 - ii. Spell Check
 - iii. Find and Replace
 - iv. Macro
 - v. Indentation
 - vi. Ruler
 - vii. Slide
 - viii. Slide Show
 - ix. Slide Transition
 - x. Templates
- Q. 2 Describe the followings: **(2 x 5 = 10 Marks)**
- (a) Power Point
 - (b) E-Mail
- Q. 3 Differentiate the followings: **(4 x 2.5 = 10 Marks)**
- (a) Print Layout view and Draft
 - (b) Header and Footer
 - (c) Worksheet and Workbook
 - (d) Cut and Copy
- Q. 4 What is MS-Office? Describe about various versions of MS-Office.
- Q.5 What is Presentation Software? How Presentation can be helpful in different-different profession?
- Q.6 Which are the application areas where MS-Word can be useful? Explain in detail.
- Q.7 Which are the application areas where MS-Excel can be useful? Explain in detail.
- Q.8 How Computer Networking can be beneficial? Explain in detail.
- Q.9 What is Internet? How Internet is useful in our daily life? Explain in detail.
- Q.10 What is the difference between function and formula? Explain the different categories of functions in detail with suitable examples.

Part V (Unit –3)

- Q. 1 Write in detail about **(1 x 10 = 10Marks)**
- i. SPSS
 - ii. Data analysis using SPSS
 - iii. Data entry creating variables
 - iv. Switching To Data Labels
 - v. Frequencies
 - vi. Recording Into Different Variables
 - vii. cross tabulations and layers
 - viii. Internet
 - ix. INFLIBNET
 - x. E-Journals
- Q. 2 Describe the followings: **(2 x 5 = 10 Marks)**
- (a) Application of Internet in Research INFLIBNET
 - (b) Sight(DOAJ)
- Q. 3 Explain the followings: **(4 x 2.5 = 10 Marks)**
- (a) Use of Internet
 - (b) Use of E-Journals
 - (c) Use of E-library
 - (d) Use of EBSCO HOST
- Q. 4 Explain about Online Database of Academic Libraries.
- Q.5 How Data Analysis can be done using SPSS? Explain in detail.
- Q.6 How E-Journals are useful in Research? Explain in detail.
- Q.7 How E-Library can be helpful in Research? Explain in detail.
- Q.8 How Internet can be useful in Research? Explain in detail.
- Q.9 What is INFLIBNET? Explain the Application of Internet in Research INFLIBNET.
- Q.10 What is DOAJ? How DOAJ is useful in Research? Explain in detail.

Part VI (Unit –3)

- Q. 1 Write in detail about (1 x 10 = 10Marks)
- i. Data View And Variable View
 - ii. Statistics Analysis is included in SPSS
 - iii. Convert String into Date Variables
 - iv. SPSS Replace Function
 - v. SAS data file in SPSS
 - vi. Data Sets in SPSS
 - vii. Missing Values And Patterns Of Missing Values In My Data File
 - viii. STATA
 - ix. Regression Analysis
 - x. ANOVA
- Q. 2 Describe the followings: (2 x 5 = 10 Marks)
- (a) One Way ANOVA
 - (b) Three Way ANOVA
- Q. 3 Explain the followings: (4 x 2.5 = 10 Marks)
- (a) Mean
 - (b) Standard Deviation
 - (c) Kurtosis
 - (d) Skewness
- Q.4 What are the advantages and disadvantages of SPSS?
- Q.5 How can you see the number of missing values and patterns of missing values in your data file?
- Q.6 Compare SAS, STATA & SPSS.
- Q.7 How do you use a SAS data file in SPSS?
- Q.8 What is T-Test procedure? Explain in detail.
- Q.9 Explain in detail about followings:
(i) E-Journals (ii) DOAJ
- Q.10 How Internet can be useful in Research? Explain in detail.