



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/BTTM/SEM-1/TTM-103/2011-12**

**2011**

**COMPUTER FUNDAMENTALS**

*Time Allotted : 3 Hours*

*Full Marks : 70*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives for the following :  $10 \times 1 = 10$ 
  - i) www stands for
    - a) world wide web
    - b) world wider web
    - c) word wide web
    - d) world web way.
  - ii) Microsoft Office PowerPoint extension is
    - a) .pptx
    - b) .moppt
    - c) .ppt
    - d) none of these.
  - iii) LAN stands for
    - a) Local Armed Network
    - b) Local Area Network
    - c) Large Area Net
    - d) None of these.
  - iv) CPU stands for
    - a) Central Protection Unit
    - b) Central Prevention Unit
    - c) Central Processing Unit
    - d) Central Promotion Unit.



- v) Html stands for
  - a) Hyper test markup language
  - b) Hyper text markup language
  - c) Hyper trend markup language
  - d) Hyper text machinery language.
- vi) E-mail stands for
  - a) Electronic Mail
  - b) Electrical Mail
  - c) Elective Mail
  - d) Electronics Mail.
- vii) FTP stands for
  - a) File Transfer Protocol
  - b) Folder Transfer Protocol
  - c) File Transcription Protocol
  - d) None of these.
- viii) Microsoft Office Spreadsheet extension is
  - a) .xlp
  - b) .xlsx
  - c) .xlss
  - d) none of these.
- ix) EDP stands for
  - a) Electronic Data Processing
  - b) Electrical Data Processing
  - c) Easy Data Processing
  - d) None of these.
- x) CD stands for
  - a) Circuit Disk
  - b) Circumstance Disk
  - c) Circular Device
  - d) Circular Disk.



**GROUP – B**

**( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

2. a) Find 1's complement of binary equivalent of decimal 25.  
b) What is the 2's complement of 0011 0101 1001 1100 ?  
c) Add binary 1101010 and 101111.  $2 + 2 + 1$
3. a) Define Aspect Ratio.  
b) Write the extensions of word document, excel document and access document.  $2 + 3$
4. Write the difference between RAM & ROM.
5. Draw the basic computer organization of CPU.
6. What is OS ? What are the basic functions of OS ?

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

7. a) What is computer network ? How is it useful ?  
b) What is topology ? How many different topologies are used in LAN ?  
c) Describe briefly about topology with their advantages and disadvantages.  $(2 + 3) + (2 + 3) + 5$
8. a) What is database ? What are the advantages of database ?  
b) Write the functionality of RDBMS.  
c) What is table in MS- access ?  $6 + 5 + 4$

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9. Explain the importance of computer in hospitality industry.  
Explain the role of internet application in the hospitality industry. 7 + 8

10. a) Describe the generations of computers.  
b) Give a comparative study on “application software” and “system software”.  
c) What do you mean by hardware and software ? 7 + 5 + 3

11. Write short notes on any *three* of the following : 3 × 5

- a) EDP
- b) MODEM
- c) email
- d) EPROM
- e) www.

