

- Please check that this question paper contains 2 printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains 4 questions.
- Please write down the serial number of the question before attempting it.

## IT SYSTEMS (Theory)

*Time allowed : 3 hours*

*Maximum Marks : 50*

**Note :** *All questions are compulsory.*

1. Expand the following terms and give two line description of each : 10
  - (i) HTML
  - (ii) BIOS
  - (iii) WWW
  - (iv) DOS
  - (v) ISP
  - (vi) CD-ROM
  - (vii) LAN
  - (viii) RD
  - (ix) GUI
  - (x) SMPS
  
2. Fill in the following blanks : 5
  - (i) Device Management is a function of \_\_\_\_\_ .
  - (ii) \_\_\_\_\_ is one of the examples of Web Browser.
  - (iii) The utility used for restore and backup is \_\_\_\_\_ .
  - (iv) \_\_\_\_\_ is an example of firmware.
  - (v) Protocol is a set of \_\_\_\_\_ .

- (vi) \_\_\_\_\_ stores the incoming mail in Outlook.
- (vii) MODEM speed is measured in \_\_\_\_\_ .
- (viii) Repeater works as \_\_\_\_\_ .
- (ix) ISDN stands for \_\_\_\_\_ .
- (x) Multimedia requires the following, Speaker, \_\_\_\_\_ and \_\_\_\_\_ .

**3. Answer the following :**

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- (i) What is the difference between Internal and External DOS command ?
- (ii) What is the purpose of Gateway in Networking ?
- (iii) Give example of Real time application.
- (iv) What is clipboard ?
- (v) What is BUS topology in network ?
- (vi) Why do we compress the files ?
- (vii) Convert Decimal to Binary.
  - $(17)_{10} = ( \quad )_2$
  - $(60)_{10} = ( \quad )_2$
- (viii) Convert Binary to Hexadecimal.
  - $(1110011)_2 = ( \quad )_{16}$
  - $(10101111)_2 = ( \quad )_{16}$
- (ix) Give three advantages of using anti-virus.
- (x) Explain the use of autoexec.bat file in DOS.

**4. Answer the following :**

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- (i) Explain E-commerce with example.
- (ii) Compare primary memory with secondary memory.
- (iii) Define Intranet. How is it different from Internet ?
- (iv) Explain Video Conferencing in detail.
- (v) Explain Addressing Techniques.
- (vi) Give four advantages of Computer Networking.
- (vii) Create a batch file to :
  - Create a directory with name as CBSE in the root directory.
  - Display date in the file Hello stored in current directory.
  - Delete all the files from current directory with extension as .exe.
  - Copy all the files with extension .tmp to C:\BACKUP directory.
- (viii) What is the function of commands FIND and SORT ?
- (ix) Differentiate between Hard disk and CD-ROM Drive.
- (x) Define Web page and Web-site.