

- 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.