Fundamentals of Computer and Information Technology

Code No. : 2050

Examination Paper-2018

[BTEUP POLYTECHNIC, Ist Semester (CS& IT Branch]

[Time : 2 Hour 30 min]

[Maximum Marks : 50]
[Minimum Marks : 17]

NOTES :

(i)   Attempt **all** questions.

(ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi translation of any question, the students should answer the question according to the English version.

(iii) Use of Pager and Mobile Phone by the students is not allowed.

1.   Answer any three of the following :

[3*5 =15]

(a) Explain history of Computer. Define Computer generation.

(b) Draw the block diagram of computer. Explain different components of computer.

(c) Explain the following :

(i)   Types of Printer

(ii) Types of memory

(d) Explain any two storage devices.

2.   Answer any two of the following :

[2*5 =10]

(a) Differentiate between data and information.

(b) Write note on Number system. Convert the following binary numbr into Hexadecimal Number.

$(11110011)_2$ to $(?)_{16}$

(c) What is memory addressing? Write its Importance.

3.   Answer any two of the following :

[2*2½ = 5]

(a) What is need of operating system.

(b) Explain wild cards. Write functions of window.

(c) What do you mean by files and directories.

4.   Answer any two of the following :

[2*5 =10]

(a) What do you mean by disk defragmentation? Write the purpose of control panel.

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(b)   Explain the following DOS commands
   (i)   Cat
   (ii)   Type
   (iii)   MD
   (iv)   CD
   (v)   Copy

(c)   What is BIOS? Differntiate between linker and loader.

5.   Write Note on any two of the following :

[2*5 =10]

   (a)   Networking devices

   (b)   E-mail and Web browser Software

   (c)   DNS

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