PCCCAT102 - Paper-II : Information Communication Technology

P. Pages : 2

Time : Three Hours

GUG/W/16/8065

Max. Marks : 80

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagram wherever necessary.
3. Avoid vague answer and write the answers relevant and specific to questions only.

Either

1. a) Define computer? Briefly describe the Generations of computer? **8**

b) Explain classification of computers. Support your answer with diagram. **8**

OR

c) Explain the following terms: **8**

i) Input device

ii) Output device

iii) VDU

iv) Primary memory

d) Define printer? Explain types of printer. **8**

Either

2. a) Define software? Explain types of software? **8**

b) What are programming languages? Explain characteristics of Good Program? **8**

OR

c) Define Translator? Explain the concept of machine language, Assembly language and High level language. **8**

d) Explain following terms: **8**

i) Binary Number system

ii) Hexadecimal number system

iii) ASCII codes

iv) EBCDIC

Either

3. a) What are windows? Explain the installation process of windows operating system in details. **8**

b) Explain the following terms: **8**

    i) GUI

    ii) Operating System

    iii) Desktop

    iv) Taskbar

OR

c) Explain the following terms: **8**

    i) Control panel

    ii) My computer

    iii) Recycle Bin

    iv) Address Bar

d) Explain the disk defragmentation and write down its steps. **8**

Either

4. a) Define network? Explain types of Network? **8**

b) Define Topology? Explain types of topologies. Support your answer with neat and labelled diagram. **8**

OR

c) Explain the Basics of Internet. How Internet Addressing is done. **8**

d) Define search engine? Write the steps of sending e – mail. **8**

5. Attempt all the questions.

a) Write a short note on scanning devices. **4**

b) Explain decimal number system with suitable example. **4**

c) Explain four tools of paint accessories. **4**

d) Explain the functions of Physical Layer and Network Layer. **4**

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