PCMCMT102 Paper-II: Information Communication Technology

P. Pages : 2

GUG/W/16/8056

Time : Three Hours

|| *5008* ||

Max. Marks : 80

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat well labelled diagram wherever necessary.
3. Avoid vague answers.

1. Either

a) Explain third and fourth generation of computer with its advantages. **8**

b) Explain types of primary memory in detail. **8**

OR

c) Draw and Explain Block diagram of computer. **8**

d) Write a note on. **8**

   i) MICR

   ii) OCR

2. Either

a) Explain types of software? Give an analogy to bring out the relationship between hardware and software. **8**

b) Write a 4-bit BCD code for the following. **8**

   i) 25_{10}

   ii) 64_{10}

   ii) 128_{10}

   iv) 1024_{10}

OR

c) Explain the characteristics of good programming language. **8**

d) Explain the advantages and limitations of machine language. **8**

3. Either

a) What is operating system? Explain the functions of operating system. **8**

	b)	Explain the any four component of control panel.	**8**

<div align="center">**OR**</div>

	c)	Explain following.	**8**

      i)   Print manager

      ii)   My Document

	d)	Discuss any four windows accessories in detail.	**8**
4.		Either	
	a)	Write a short note on LAN and WAN.	**8**
	b)	Explain OSI model in detail.	**8**

<div align="center">**OR**</div>

	c)	List Various types of topology and Explain any two of them.	**8**
	d)	Write a main difference between Internet and Intranet.	**8**
5.		Attempt all the questions.	
	a)	Write a short note on VDU.	**4**
	b)	Explain ASCII code in brief.	**4**
	c)	What are Icons? Explain the purpose of Disk cleanup.	**4**
	d)	Explain freeware and shareware.	**4**

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