1BCA3 - Paper-III : Trends in Information Technology

P. Pages : 2

Time : Three Hours

0459

GUG/S/18/3271

Max. Marks : 80

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

Either

1. a) Define computer. Explain the working of computer with its block diagram. **8**

b) Write a short note on **8**

i) Hard Disc

ii) Pen Drive.

OR

c) What is generation of computer? Explain all generation in detail. **8**

d) Explain sequential and Random Access mechanism with example. **8**

Either

2. a) What is Input Device? Explain keyboard in detail. **8**

b) Write a short note on **8**

i) Mouse

ii) Plotters

OR

c) Explain Visual Display Unit in detail. **8**

d) Explain in detail **8**

i) MICR

ii) Barcode Reader

Either

3. a) What is Wireless communication? Explain wi-fi and Bluetooth in detail. **8**

b) Explain social and Ethical Issue in detail. **8**

OR

c)	Define Nanotechnology? Explain how it is important in our todays life.		**8**
d)	Write a short note on		**8**
	i)	Youtube	
	ii)	Facebook	

Either

4.
a)	Explain intelligent software Agent in detail.	**8**
b)	Write a short note on BPO & KPO.	**8**

OR

c)	Explain vision & ideas given by Charles Babbage and Narayan Murthy.	**8**
d)	Define Grid computing. Explain its importance in detail.	**8**

5. Attempt all the questions.

a)	Write a short note on Blu Ray Disc.	**4**
b)	Explain Inkjet printer in detail.	**4**
c)	Differentiate E-commerce and M-commerce.	**4**
d)	Explain in detail Distributed computing.	**4**

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