UBCAT103 - Paper-III : Information & Communication Technology

P. Pages : 2   **GUG/S/23/11745**

Time : Three Hours   ‖‖‖‖‖ *1935*   Max. Marks : 80

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Notes : 1. All 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) Explain the advantages and limitation of Computer.   **8**

b) Draw and explain the block diagram of the computer.   **8**

OR

c) Explain the generation of computers in brief.   **8**

d) Write steps to convert binary number to decimal number and vice versa with examples.   **8**

Either:

2. a) Explain the following   **8**
i)   Light pen
ii) Track ball

b) Explain the various locator devices.   **8**

OR

c) Explain the following   **8**
i)   MICR
ii) OCR

d) Write a short note on different types of printers.   **8**

Either:

3. a) Define operating system. Explain the function and purpose of operating system.   **8**

b) Write a difference between the DOS and windows.   **8**

OR

c) Write a short note on Taskbar and Help features.   **8**

d) Explain the following   **8**
i)   Disk Clean-up
ii) Recycle Bin

Either:

4. a) Explain the different types of topologies in brief. **8**

b) Explain the OSI Model in detail. **8**

OR

c) Explain the following **8**
   i) E-mail
   ii) E-learning

d) Explain the Open Source Software in detail. **8**

5. Attempt all the questions.

a) Explain the characteristics of the computer. **4**

b) Write a short note on Hard disk. **4**

c) Explain the Control Panel in brief. **4**

d) Explain in detail about Social and Ethical issues. **4**

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