

B.C.C.A. - I (CBCS Pattern) Semester-I
UBCCAT103 - Information & Communication Technology Paper-III

P. Pages : 2

Time : Three Hours



GUG/W/24/10614

Max. Marks : 40

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

Either:

1. a) Draw block diagram of computer and explain different components of it. 4
- b) List and explain Advantages and Limitation of computer. 4

OR

- c) What do you understand by computer memory? Explain primary memory in detail. 4
- d) State different number system in detail. 4

Either:

2. a) What is Input device? Explain the usage of Light pen and Touch screen. 4
- b) Define scanning. Explain various devices used in scanning in detail with examples. 4

OR

- c) Explain output device in detail with suitable example. 4
- d) Describe in detail the following devices. 4
 - i) Hard Disk.
 - ii) Optical Disk.

Either:

3. a) Explain different communication devices in detail. 4
- b) Elaborate the concept of network topology. 4

OR

- c) What is OSI model? Explain it in detail. 4
- d) Write down advantages and limitations of Network topology. 4

Either:

- | | | | |
|-----------|----|--|----------|
| 4. | a) | What is Active software maintenance? Write down the usage of it. | 4 |
| | b) | Define PC faults. Write in detail types of PC faults. | 4 |

OR

- | | | | |
|-----------|----|---|----------|
| | c) | Explain in detail different software tools with suitable example. | 4 |
| | d) | What do you understand computer virus Explain types of virus. | 4 |
| 5. | | Attempt all questions. | |
| | a) | Write down characteristics of computer. | 2 |
| | b) | Define Barcode Reader | 2 |
| | c) | write short note on freeware software. | 2 |
| | d) | What is Antivirus? | 2 |
