

B.Sc.- I (Information Technology) (CBCS Pattern) Sem-I
UBITT103 - Paper-III - Information and Communication Technology

P. Pages : 2

Time : Three Hours



GUG/W/23/10912 (S)

Max. Marks : 80

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answers and write specific answer related to questions.

Either:

1. a) Define Computer. Draw and explain block diagram of computer in detail. 8
- b) Differentiate between RAM and ROM. 8

OR

- c) Write a note on: 8
 - i) Cache memory
 - ii) Flash memory
- d) Explain the evolution and history of computer in brief. 8

Either:

2. a) Explain the following: 8
 - i) Touch Ball
 - ii) Joysticks
- b) Describe non-impact printer in detail. 8

OR

- c) Define Projectors. Explain different types of projector. 8
- d) Explain photographic outputs in detail. 8

Either:

3. a) Explain the relationship between hardware and software. 8
- b) Enlist different types of system software. 8

OR

- c) Define System Software. Give the functions of System Software. 8
- d) Write a note on Language Translators. 8

Either:

- 4. a) Describe PC fault in detail. 8
- b) Give the difference between Active and Passive software maintenance. 8

OR

- c) Define Virus. Enlist the characteristics of Virus. 8
- d) Write a note on Advance Testing Tools. 8

- 5. Solve all the questions.
- a) Define functions of computer. 4
- b) Write a note on Webcam and digital camera. 4
- c) Describe Firmware. 4
- d) Elaborate the properties of a virus. 4
