

Ganpat University

B. Tech. Semester: IV

Regular Examination May - 2014

2OS401: Introduction to Computer Technology

Time: 3 Hours

Total Marks: 70

Instructions:

1. Figures to the right indicate full marks
2. Each section should be written in a separate answer book
3. Be precise and to the point in your answer

Section – I

- Q-1 (A) Why computer is very important now days? Explain various application of computer in short. 6
- (B) Explain fourth generation computer in detail. 6
- OR**
- Q-1 (A) What is computer? Explain Different characteristics of computer. 6
- (B) Write Difference between 3rd generation computer and 4th generation computer. 6
- Q-2 (A) Explain classification of computer in detail. 6
- (B) Define Flowchart. Draw flowchart to make tea using tea maker. 5
- OR**
- Q-2 (A) Write advantage and disadvantage of 1st generation computer and 3rd generation computer. 6
- (B) Define Algorithm. Write algorithm to make tea using tea maker. 5
- Q-3 (A) What is System Software? Explain Operating System in detail. 6
- (B) Explain following questions. 6
1. Define this following Terms: Source Code, Object Code, and Executable Code.
 2. Define: Hub, Switch & Router.

Section – II

- Q-4 (A) Explain different types of monitors in details. 6
(B) What is printer? Differentiate inkjet & laser printer. 6
OR
- Q-4 (A) Write down types of printer. Explain working of dot matrix printer. 6
(B) List out output devices. Explain GPU (Graphic cards) in details. 6
- Q-5 (A) Explain working of laser printer with diagram. 6
(B) List pointing devices. Explain mouse in details. 5
OR
- Q-5 (A) Explain hard disk drive with structure diagram. 6
(B) Advantage & limitation of computer. 5
- Q-6 (A) What is Hardware? Write difference between hardware and software. 6
(B) Explain following questions. 6
1. Define: NIC, MAN & PAN.
2. Discuss BUS, STAR & RING Topologies.

END OF PAPER