Roll No. ....

Y – 802

PGD in Computer Application EXAMINATION, May/June-2021

DISTANCE MODE

Paper – 102

COMPUTER ORGANIZATION AND ARCHITECTURE

Time : Three Hours

Maximum Marks : 70   *Minimum Pass Marks : 28*

Note—Attempt *all* questions. All questions carry equal marks.

Unit-I

1. Draw a block diagram to illustrate the basic organizational structure of computer system and explain the function of the logic units.   14

Unit-II

2. Discuss error detection and correction codes with suitable examples.   14

Unit-III

3. What is flip-flop ? Explain S-R flip-flop in detail with a diagram and characterstic table.   14

Unit-IV

4. Explain the working of instruction cycle. Discuss various phases of instruction cycle and also show the flowchart for instruction cycle.   14

Unit-V

5. Classify various storage devices. What are its different types. Elaborate. Draw suitable diagrams if required.   14