First Semester M.Sc. Degree Examination, December 2017

(CBCS – Semester Scheme)

Library and Information Science

Paper SPT 1.4A – COMPUTER BASICS

Time : 3 Hours]   *[Max. Marks : 80*

Instructions to Candidates :

1)   *There are three Sections viz. A, B and C.*

2)   *Marks are indicated against each Section.*

SECTION – A

Answer in one or two sentences :   **(10 × 2 = 20)**

1. What is Microchip?

2. Expand DVD.

3. Name any two word processing software.

4. What is compiler?

5. Convert $11011_{(2)}$ to decimal number.

6. How many bytes make one megabyte (MB)?

7. What is debugger?

8. Name any two symbols used in Assembly language.

9. Differentiate between record and file.

10. What is indexed file organisation?

SECTION – B

Answer any **FIVE** of the following :   **(5 × 6 = 30)**

11. Scope of Information Technology

12. Input devices

13. Magnetic storage devices

14. Application software

15. Computer codes

16. Binary addition and subtraction

17. File organisation

SECTION – C

Answer any **TWO** of the following :   **(2 × 15 = 30)**

18. Discuss the salient features of different types of computers.

19. Explain the truth table of various logic gates with suitable diagrams.

20. What is a program? Discuss the various steps involved in programing.

––––––––––––––