

Ex/MLDL/4.1/17/2017

**MASTER OF LIBRARY AND INFORMATION SCIENCE
IN DIGITAL LIBRARY EXAMINATION, 2017**

(1st Semester)

INFORMATION TECHNOLOGY - I

Paper : MLDL - 4.1

Full Marks : 40

Time : Two Hours

The figures in the margin indicate full marks.

Answer *all* questions.

- 1.(A) Why is IT application popular in today's library ? What are the processes involved in an IT system ? Discuss the impact of IT on the acquisition of library materials and their use in the library. 3+4+8

Or;

- 1.(B) Discuss subject based information gateway with suitable examples. Why Subject Gateways are better for getting information than the general search engine ? Discuss the trends of IT application in libraries. 4+3+8

- 2.(A) (a) Complete the following truth tables by filling in each blank with 0 or 1.

[*Turn over*]

[2]

Condition 1	Condition 2	Condition 1 & & Condition 2
0	0	
0	Nonzero	
Nonzero	0	
Nonzero	Nonzero	

Condition 1	Condition 2	Condition 1 Condition 2
0	0	
0	Nonzero	
Nonzero	0	
Nonzero	Nonzero	

(b) Write a program to test a character as vowel or not using switch-case.

(c) Explain 'for' loop with a suitable program.

4+4+6

Or;

2.(B) What do you mean by 'Open Source Software' and 'Free Software'? Name a few 'Open Source Software' of different categories. What do you mean by spooling

[*Turn over*]

[3]

in Linux ? — Discuss its with one example. Discuss how 'cat' command in Linux can be used for different purposes. Discuss the usage of 'cd' command with different options. 4+3+4+2+2

3. Write short notes on any *two* of the following : 5×2

(a) e-Smart Library

(b) GNU

(c) Nested if-else

(d) File permission in Linux
