

Seat No. : \_\_\_\_\_

## MLS-05

April-2007

### Information Technology : Application (Theory)

Paper-V  
(New Course)

Time : 3 Hours]

[Max. Marks : 100

સૂચના : બધા જ પ્રશ્નોના ઉત્તર આપો.

૧. યુનિવર્સિટી ગ્રંથાલયનાં કોમ્પ્યુટરાઈઝેશનની યોજના રજૂ કરો. (૨૦)

અથવા

કોલેજ ગ્રંથાલયનાં આંતરિક કાર્યોનું કોમ્પ્યુટરાઈઝેશન કેવી રીતે કરશો ?

૨. ગ્રંથાલયો માટે ઉપલબ્ધ કોઈ બે લાઈબ્રેરી એપ્લિકેશન સોફ્ટવેરની વિગતે માહિતી આપો. (૨૦)

અથવા

ગ્રંથાલય નેટવર્ક એટલે શું ? કોઈ બે રાષ્ટ્રીય ગ્રંથાલય નેટવર્ક સમજાવો.

૩. ડીજિટલ ગ્રંથાલયોની વ્યાખ્યા, હેતુઓ અને કાર્યો વર્ણવો. (૨૦)

અથવા

ડીજિટલ ગ્રંથાલયોનાં હાર્ડવેર અને સોફ્ટવેર પર નોંધ લખો.

૪. ટૂંકનોંધ લખો. (કોઈ ચાર) (૨૦)

(૧) પ્રત્યાયન ટેકનોલોજી

(૨) ઓપેક

(૩) નેટવર્ક ટોપોલોજી

(૪) વેબ બ્રાઉઝર

(૫) મેટાડેટા

(૬) ઈન્ટરનેટ કનેક્ટીવિટી

૫. અંગ્રેજી વર્ઝન પ્રમાણે (૨૦)

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## **MLS-05**

**April-2007**

### **Information Technology : Application (Theory)**

**Paper-V  
(New Course)**

**Time : 3 Hours]**

**[Max. Marks : 100**

**Instruction :** All questions carry equal marks.

1. Give a plan for computerizing University Library. **(20)**

**OR**

How would you computerize in-house operations of a College Library ?

2. Give detail information about any Two available Library application Softwares. **(20)**

**OR**

What is a Library Network ? Explain any Two National Library Networks.

3. Define Digital Library and describe its objectives and functions. **(20)**

**OR**

Write a note on hardware and software for Digital Libraries.

4. Write short notes. (any **four**) **(20)**

- (1) Communication Technology.
- (2) OPAC.
- (3) Network Topology.
- (4) Web Browsers.
- (5) Metadata.
- (6) Internet Connectivity.

5. Select and write the correct answer from given multiple-choice questions. **(20)**

1. AI stands for

- |                             |                       |
|-----------------------------|-----------------------|
| (a) All In                  | (b) All out           |
| (c) Artificial Intelligence | (d) Ask India Project |

2. PARAM is
  - (a) Post Aid RAM
  - (b) Passed RAM
  - (c) Pascal based RAM
  - (d) None of these
3. Which of the following is not software ?
  - (a) Celeron
  - (b) Librarian
  - (c) Libsuite
  - (d) Sanjay
4. Which of the following is volatile memory ?
  - (a) ROM
  - (b) RAM
  - (c) DVD
  - (d) Flash
5. Library should use
  - (a) Analog Computer
  - (b) Digital Computer
  - (c) Super Computer
  - (d) Mini Computer
6. DBMS stands for
  - (a) Data Base Mgt. System
  - (b) Data Bite Made Short
  - (c) Date Base Mass System
  - (d) Date Based Metro System
7. Optical Fiber is used as
  - (a) Network Media
  - (b) Network Topology
  - (c) Network Protocol
  - (d) Software Media
8. NICNET is a
  - (a) Topology
  - (b) Private Network
  - (c) Government Network
  - (d) Library Network
9. How many modules does SOUL have ?
  - (a) 3
  - (b) 5
  - (c) 10
  - (d) None of these
10. ISDN stands for
  - (a) In Service Day Network
  - (b) In Service Digital Network
  - (c) In Service Digital Notes
  - (d) None of these
11. Microchip was invented by
  - (a) IBM
  - (b) NICNET
  - (c) Luhn
  - (d) Intel

12. LAN is
- (a) Local Area Nest
  - (b) Local Area Network
  - (c) Less Area Network
  - (d) Last Area Network
13. UNIX is a
- (a) OS
  - (b) Hardware
  - (c) Floppy
  - (d) Drive
14. CDS/ISIS is
- (a) Hardware
  - (b) ROM
  - (c) Network
  - (d) None of these
15. In House Library Computerization can be done by
- (a) Operating System
  - (b) Application Software
  - (c) DVD
  - (d) System Software
16. High level language refers to
- (a) Programming Language
  - (b) Machine Language
  - (c) Assembly Language
  - (d) Low Level Language
17. 2nd Generation Computers used
- (a) Valves
  - (b) Vaccume Tubes
  - (c) Transistors
  - (d) Transistors with IC
18. In which language CDS/ISIS is written
- (a) Machine Language
  - (b) COBOL
  - (c) Computer Language
  - (d) PASCL Language
19. Which of the following is not a programming language ?
- (a) FORTRAN
  - (b) BASIC
  - (c) COBOL
  - (d) ASCII
20. COM Means
- (a) Computer Output Microform
  - (b) Catalogue on Magnetic Tape
  - (c) Computer Output Magnetic Tape
  - (d) Catalogue on Microform
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