<p align="center">**Model Answer**
AV-8390
Paper II: Automated and Digital Library System (Theory)
Master of Library & Information Science (First Semester) 2015
Section A</p>

1. **Short Answer Type Questions**

    i)   Seven
    ii)   Binary Digit
    iii)   University of Waikato, New Zealand.
    iv)   Digital Library
    v)   http: Hyper Text Transfer Protocol; ac: Academic
    vi)   < img/ >
    vii)   GSDL, DSpace, E-Print
    viii)   Z39.85 is a Dublin Core Metadata; Z39.50 is a kind of Protocol, it is used in libraries to retrieve data.
    ix)   SDL: Stand Alone Digital Library; FDL: Federated Digital Library.
    x)   True

<p align="center">**Section B**</p>

2. **Steps involved in Planning and Designing of Library Automation**
    - Introduction
    - Definition
    - Planning
        - Feasibility
        - Hiring a Consultant
        - Data collection and need assessment
        - Examination of automation options
        - Bibliographic database development
        - System Specification and Requirements
        - Analyze Proposals and Select VCndor
        - Begin Conltract Ntegotiation with Top Vendor
        - Implement the system
    - Designing Steps
    - Conclusion

3. **Short Notes**

    a) TCP/IP
        - Introduction
        - Definition
        - All Four layers
        - Conclusion

    b) Basic codes of HTML 5
        i)
        ii)   <Title> </Title>
        iii)   <p>   </p>

  iv) <i> </i>
  v) <u> </u>

 c) DSL
- Introduction
- Definition
- Define with Diagram

4. Nature, Type of Digital Library Software packages, Advantage and scope

- Introduction
- Nature of Digital Library
- Digital Library Software Packages
  - ➢ GSDL
  - ➢ DSpace
  - ➢ E-Print
- Advantages of Digital Library
- Scope of Digital Library
- Conclusion

Section C

5. Internet, Tools and Applications of Internet
- Introduction
- Definition
- Tools of Internet
- Application of Internet
- Conclusion

6. File Formats and Software used for creating DL
- Introduction
- File formats
  - ➢ Audio
  - ➢ Vedio
  - ➢ Image
  - ➢ Text
  - Software Used to create DL
- ➢ OCR
- ➢ Scanner
- ➢ Image Capture, etc
- Conclusion

7. Short Notes
 a) Input Capture Device
  - ➢ Introduction
  - ➢ Image Capture Devices
  - ➢ Scanner

b) SMTP
- ➢ Introduction
- ➢ Define Protocol
- ➢ SMTP

c) Barcode
- ➢ Introduction
- ➢ Define
- ➢ Use in Library

8. Scholarly Communication. Explain Open Access and Library as a Publisher
- Introduction
- Define
- Concept
- Open Access
  - ➢ Define
  - ➢ Types of Open Access
  - ➢ Colour code (Yellow, Green, Orange etc)
- Library as a Publisher
  - ➢ Define
  - ➢ Example of Library as a Publisher