

Digital Library Practice- Open Source Digital Library Software

Time: 3 Hours

Full Marks: 100

(Answer All the questions form Group- 'A', any four questions from Group - 'B', any four questions from Group - 'C' and any two questions from Group - 'D')

Group 'A'

Q. No. 1 Answer all the questions, each within one or two sentences **Marks: 1 × 10= 10**

- (a) Which standard does Koha use for multilingual support?
- (b) How is the XML-based User Interface in DSpace known as?
- (c) Which is the recommended operating system for Koha?
- (d) What is the latest stable version of Koha?
- (e) Which is preferred relational database used in DSpace?
- (f) What is the latest release of DSpace?
- (g) Under which license is Koha distributed?
- (h) Based on Debian, what kind of distribution Ubuntu operating system is?
- (i) What are the four pieces of software used by LAMP technology?
- (j) What does OSS stand for?

Group 'B'

Q. No. 2 Answer any four questions each within 100 words **Marks: 5 × 4= 20**

- (a) What is Koha?
- (b) Who maintains DSpace?
- (c) What is the need of PostgreSQL in DSpace?
- (d) What is needed to run DSpace?
- (e) What is the procedure to get the Koha Software?
- (f) What is the need of swap space in Linux?

Group 'C'

Q. No. 3 Answer any four questions each within 200 words **Marks: 10 × 4= 40**

- (a) How to switch between Simple and Advanced Embargo settings in DSpace?
- (b) Describes the role of all pre-requisite software needed to run DSpace?
- (c) How to define new item category in Koha?
- (d) What is the procedure to create a new search index in DSpace?
- (e) How to create a new library in Koha?
- (f) Describe different types of search facility supported by Koha?

Group 'D'

Q. No. 4 Answer any two questions each within 300 words **Marks: 15 × 2= 30**

- (a) Describe the process of submitting article to DSpace repository through all the three levels of workflow?
- (b) Explain the process of member registration and issue/return in Koha software.
- (c) Write in detail the procedure to receive suggestions from user and place order to a vendor using Koha?