2023
SRCMUJ
2nd Semester Examination
Integrated MLIS
Library and Information Science
LIS-208
Library Automation & Networking(Practical)
SET-A

Full Marks: 40 **Time: 2.30 Hours**

The figures in the margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

A. You are needed to write the C program (I) or (II) to execute to solve the following problems (using online C compiler). 10x1

1. Write a program to check Leap Year. [Given, int: year, Condition: (a) leap year if perfectly divisible by 400, (b) not a leap year if divisible by 100 but not divisible by 400, (c) leap year if not divisible by 100 but divisible by 4, (d) all other years are not leap years (excluding above conditions).
2. Write a program to calculate the addition value of two integers. [Given, integers: num1, num2 & sum, sum=num1+num2]

Direction: (1) Write program(s) against each task in answer script. (2) Add relevant snapshots against each task (A1 or A2)

B. Perform the following taks in Unices (***any three***) 2x3

1. To move a file (rollxx_logo.jpg) from your home directory to**/usr/share/koha/opac/htdocs**
2. Create a new directory in your roll number <rollxx>.
3. To remove the directory which you have created.
4. To display usage of processor and RAM of the system in real-time.

Direction:Write commands(s) against each task in answer script. (2) Add relevant snapshots against each task (B1, B2, B3, B4)

C. Common task for all: 3x4

1. Create a new library using ILSM Koha with your **Roll Name** (ex: RollXX) and create a new patron category as **Student** under your created library (ex: Student of RollXX)
2. Add two members with minimum required information under your created patron category (Card number format: RNXX01, RNXX02) set privileges for catalouging to one and circulation to another member.
3. Add one item type (Text Book of RollXX) required for your library but not available in default item set (with a suitable icon) and set Rental charges for all items to Rs. 0.00.
4. Add a new framework on the basis of **Books** framework, Give name of the new framework by RollXX.

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Direction:Give comments against each task in answer script. (2) Add relevant snapshots against each task (C1, C2, C3, C4)

D. Catalouging tasks: 5x2

1. Add the following book in your framework (three copies; barcode format: RNXX001, RNXX002 & RNXX003)

> Anxiety in sports : an international perspective / edited by Dieter Hackfort, Charles D. Spielberger.
> New York : Hemisphere Pub. Corp.,
> c1989. xviii, 275 p. : ill. ; 24 cm.
> 796.01 HAC/A
> ISBN: 0891167544
>
> Additional information: DDC 19th ed is in use; Leader: 00972cam a2200265 a 4500; Date entered <today>; Control no: 1493191; Belongs to The Series in health psychology and behavioral medicine (ISSN:8756-467X); LCSH descriptors: Sports – Psychological aspects; Anxiety.

2. Add two books with two copies each through Z 39.50 server option (barcode format: RNXX004 & RNXX005; RNXX006 & RNXX007).

Direction:Give comments against each task in answer script. (2) Add relevant snapshots against each task (D1, D2)

E. Basic task: 2

1. Issue one book to each member under your created patron category. Check status of the issued books in OPAC.

Direction:Give comments against each task in answer script. (2) Add relevant snapshots against each task (E1)

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