National Testing Agency

Question Paper Name :	Digital Library 28th August 2021 Shift 2
Subject Name :	Digital Library
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Display Marks:	Yes

Digital Library

Group Number :	1
Group Id :	94091811
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

Digital Library-1

Section Id :	94091821
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	20
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	94091839
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 940918586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

CC by SA stands for_____

1. Cloud Computing Attribution - ShareAlike
2. Creative Contents Attribution - ShareAlike
3. Creative Copyright Attribution - ShareAlike
4. Creative Commons Attribution - ShareAlike

Options :

9409181949. 1

9409181950. 2

9409181951. 3

9409181952. 4

Question Number : 2 Question Id : 940918587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which are the three additional software's associated with Greenstone Digital Library software?

A. Java Run Time Environment (JRE)

B. Image Magick

C. Ghostscript

D. Apache Maven

Choose the **correct** answer from the options given below:

1. A, B and C only
2. A and D
3. A, C and D only
4. A, B, C and D

Options :

9409181953. 1

9409181954. 2

9409181955. 3

9409181956. 4

Question Number : 3 Question Id : 940918588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

ArXiv was originally created by which of the following institutes?

1. Cornell University
2. University of Texas
3. NEC Research Institute
4. Los Alamos National Laboratory

Options :

9409181957. 1

9409181958. 2

9409181959. 3

9409181960. 4

Question Number : 4 Question Id : 940918589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

CORBA model was developed by:

1. ORACLE
2. Object Management Group (OMG)
3. Sun System
4. Hewlett Packard

Options :

9409181961. 1

9409181962. 2

9409181963. 3

9409181964. 4

Question Number : 5 Question Id : 940918590 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Directory of Open Access Journals was launched in 2003 at _____

1. Lund University
2. Stanford University
3. Cornell University
4. Carnegie Mellon University

Options :

9409181965. 1

9409181966. 2

9409181967. 3

9409181968. 4

Question Number : 6 Question Id : 940918591 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following represents Semantic knowledge?

1. Understanding of how to carry out a specific process
2. Knowledge that include major concepts, vocabulary, facts, and relationships
3. Routine knowledge
4. Knowledge that resides in short-term memory

Options :

9409181969. 1

9409181970. 2

9409181971. 3

9409181972. 4

Question Number : 7 Question Id : 940918592 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is an important approach used for evaluating Digital Library?

1. User and Content-Centric Approach
2. Society and Government Centric Approach
3. Psychological Approach
4. Administrative Approach

Options :

9409181973. 1

9409181974. 2

9409181975. 3

9409181976. 4

Question Number : 8 Question Id : 940918593 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Members of DAE consortium include:

1. NITs, IITs, and IIMs
2. BARC, SAMEER and TIFR
3. NIC, CDAT and CDOT
4. Central Universities

Options :

9409181977. 1

9409181978. 2

9409181979. 3

9409181980. 4

Question Number : 9 Question Id : 940918594 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The metadata required for digital objects are:

1. Descriptive Metadata
2. Administrative or technical Metadata
3. Structural Metadata
4. All of these

Options :

9409181981. 1

9409181982. 2

9409181983. 3

9409181984. 4

Question Number : 10 Question Id : 940918595 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The applications programming interface (API) and communications protocol that regulates communication between software and Digital imaging devices is called _____

1. CanoScan LIDE
2. FTP
3. TWAIN
4. ISIS

Options :

9409181985. 1

9409181986. 2

9409181987. 3

9409181988. 4

Question Number : 11 Question Id : 940918596 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

NCSTRL Stand for:

1. National Programme on Technical Enriched Learning
2. National Portal on Technology Enhanced Learning
3. National Programme on Technology Enhanced Learning
4. None of these

Options :

9409181989. 1

9409181990. 2

9409181991. 3

9409181992. 4

Question Number : 12 Question Id : 940918597 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ can be considered as precursor to the Digital Libraries.

1. Database Management System
2. Information Retrieval Systems
3. Xanadu
4. DIALOG

Options :

9409181993. 1

9409181994. 2

9409181995. 3

9409181996. 4

Question Number : 13 Question Id : 940918598 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Gallica Digital Library serves as an online gateway to the National Library of:

1. Canada
2. France
3. Finland
4. UK

Options :

9409181997. 1

9409181998. 2

9409181999. 3

9409182000. 4

Question Number : 14 Question Id : 940918599 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

CC 0 (CC "zero") protocol is used for which of the following?

1. No Digital Usage allowed
2. No derivative works can be made
3. No usage allowed
4. Universal waiver of copyright

Options :

9409182001. 1

9409182002. 2

9409182003. 3

9409182004. 4

Question Number : 15 Question Id : 940918600 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Resource Description and Access is the new _____ standard replacing AACR2.

1. Classification
2. Indexing
3. Cataloguing
4. None of these

Options :

9409182005. 1

9409182006. 2

9409182007. 3

9409182008. 4

Question Number : 16 Question Id : 940918601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

CiteSeer is a scientific literature Digital Library and search engine that focuses primarily on the literature in _____

1. Agricultural Science
2. Chemistry
3. Biology
4. Computer and information science

Options :

9409182009. 1

9409182010. 2

9409182011. 3

9409182012. 4

Question Number : 17 Question Id : 940918602 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

BRICKS Digital Library is a:

1. Brazilian project
2. European Project
3. Australian project
4. American project

Options :

9409182013. 1

9409182014. 2

9409182015. 3

9409182016. 4

Question Number : 18 Question Id : 940918603 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A key component of digital library responsible for assigning unique identifiers to digital objects is referred to as:

1. Digital Objects Naming Service
2. Search & Content Delivery Service
3. Index Services
4. User Interface

Options :

9409182017. 1

9409182018. 2

9409182019. 3

9409182020. 4

Question Number : 19 Question Id : 940918604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

COUNTER – a code of practice is used for _____

1. Virtual Reference Desk
2. E-resource Usage Report
3. Remote Access Authentication
4. Signing License Agreement with publisher

Options :

9409182021. 1

9409182022. 2

9409182023. 3

9409182024. 4

Question Number : 20 Question Id : 940918605 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following technique is part of the User Authentication mechanism of DRM?

1. Face Recognition
2. Retina Scanning
3. Password-based Access
4. Fingerprint Scanning

Options :

9409182025. 1

9409182026. 2

9409182027. 3

9409182028. 4

Digital Library-2

Section Id :	94091822
Section Number :	2
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	30
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	94091840
Question Shuffling Allowed :	No

Question Number : 21 Question Id : 940918606 Question Type : SUBJECTIVE

Correct Marks : 3

Describe the key features of GSDL software?

Question Number : 22 Question Id : 940918607 Question Type : SUBJECTIVE

Correct Marks : 3

Explain Open URL and how it works?

Question Number : 23 Question Id : 940918608 Question Type : SUBJECTIVE

Correct Marks : 3

What is Electronic Document Delivery Service?

Question Number : 24 Question Id : 940918609 Question Type : SUBJECTIVE

Correct Marks : 3

Define Proximity search with examples.

Question Number : 25 Question Id : 940918610 Question Type : SUBJECTIVE

Correct Marks : 3

What are the Digital Library Services? List any five digital library services?

Question Number : 26 Question Id : 940918611 Question Type : SUBJECTIVE

Correct Marks : 3

Explain Boolean operators used in search strategies with examples?

Question Number : 27 Question Id : 940918612 Question Type : SUBJECTIVE

Correct Marks : 3

Explain the importance of OAI-PMH in Institutional Repositories.

Question Number : 28 Question Id : 940918613 Question Type : SUBJECTIVE

Correct Marks : 3

Mention major components of a digital library?

Question Number : 29 Question Id : 940918614 Question Type : SUBJECTIVE

Correct Marks : 3

Define E-Library, Virtual Library and Digital Library.

Question Number : 30 Question Id : 940918615 Question Type : SUBJECTIVE

Correct Marks : 3

Mention the basic characteristics of Open Access?

Digital Library-3

Section Id :	94091823
Section Number :	3
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	7
Number of Questions to be attempted :	5
Section Marks :	50
Enable Mark as Answered Mark for Review and Clear Response :	Yes

Question Number : 31 Question Id : 940918616 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the Open Archival Information System (OAIS) with thematic diagram?

Question Number : 32 Question Id : 940918617 Question Type : SUBJECTIVE

Correct Marks : 10

Briefly discuss tools of knowledge organization in a traditional library and digital library.

Question Number : 33 Question Id : 940918618 Question Type : SUBJECTIVE

Correct Marks : 10

Briefly describe the plan for initiating a successful digitization project.

Question Number : 34 Question Id : 940918619 Question Type : SUBJECTIVE

Correct Marks : 10

Elaborate on criteria used for the selection of electronic resource for an educational institution?

Question Number : 35 Question Id : 940918620 Question Type : SUBJECTIVE

Correct Marks : 10

Why is digital preservation important? Describe any three digital preservation strategies.

Question Number : 36 Question Id : 940918621 Question Type : SUBJECTIVE

Correct Marks : 10

What is perpetual access? Why it is important for libraries?

Question Number : 37 Question Id : 940918622 Question Type : SUBJECTIVE

Correct Marks : 10

What is cloud computing? How is it different from cluster or grid computing?