

original



**INDIAN INSTITUTE OF TECHNOLOGY RAJASTHAN**  
**Screening Test for the Recruitment of SLIA on 8th January 2011**  
**QUESTION BOOKLET**

Time: 90 Mins.

Max. Marks: 100

Name of the Candidate:

Signature of the Candidate:

Father's Name of Candidate:

Date of Birth (DD/MM/YY):

Name of the Invigilator:

Signature of the Invigilator:

No. of Pages in this Booklet: 10 + Worksheet

**Instructions for the Candidates:**

1. Verify the number of pages in the question booklet with the information printed in this page.
2. Write your name and sign at the top of the answer sheet.
3. Each question has four alternative responses marked A), B), C) and D). Place a tick mark against the correct response in the answer sheet.
4. There **should not** be any over-writing or cutting.
5. Rough work must be done only in the worksheet provided at the end of this booklet.
6. Return the question booklet ~~along with answers sheet~~ to the invigilator before leaving the examination hall.
7. Use only Blue/Black ball point pens.
8. There is no negative marking.
9. Use of mobile phones, calculators, other electronic gadgets and log books is strictly prohibited.

**Section I: General Awareness & Current Affairs**

1. Who is Nandan Nilekani  
A) Chairman of the new Unique Identification Authority of India (UIDAI)  
B) Chairman, National Knowledge Commission of India  
C) Chairman, Planning Commission of India  
D) Chairman, Informatics India Pvt. Ltd.
2. Who is the author of "The Namesake"?  
A) Arundhati Roy  
B) Jhumpa Lahiri  
C) Jane Austen  
D) Shobha Dey
3. Where did the Printing originate?  
A) France  
B) Germany  
C) United states  
D) England
4. Indian maps are issued by the Survey of India at:  
A) Pune  
B) Ahmedabad  
C) Dehradun  
D) Hyderabad



5. Who is the Chairman of National Knowledge Commission?  
 A) P. Balaram      B) Nandan Nilekani      C) Sam Pitroda      D) Ashok Ganguly
6. National Chemical Laboratory is established under the aegis of:  
 A) DST      B) ISRO      C) DSIR      D) CSIR

**Section II: English Grammar & Comprehension**

7. Fill in the blanks with suitable prepositions.
- a. Almost everyone agreed \_\_\_\_ Jane's proposal (0.5 marks)  
 A) with      B) to      C) on      D) under
- b. You must avail yourself \_\_\_\_ the facilities provided by the institute. (0.5 marks)  
 A) to      B) at      C) of      D) with
8. Complete the following by inserting articles:
- a. He gave \_\_\_\_ example to prove his point. But \_\_\_\_ example was not very good. (0.5 marks)  
 A) an, the      B) a, an      C) the, a      D) an, a
- b. \_\_\_\_ Ganges is \_\_\_\_ sacred river. (0.5 marks)  
 A) a, an      B) the, an      C) the, a      D) an, a
9. Choose the correct alternative from those given in the brackets
- a. She \_\_\_\_ unconscious since two 'o' clock. (0.5 marks)  
 A) is      B) was      C) has been      D) would be
- b. I \_\_\_\_ him since we met a month ago. (0.5 marks)  
 A) didn't see      B) haven't seen      C) hadn't seen      D) wouldn't see
10. Convert the following line into indirect speech: He said to me, "Don't smoke here!"  
 A) He asked me not to smoke there      B) He told me don't smoke there  
 C) He asked me not to smoke here      D) He said that I should not smoke here
11. Select the word that is closest in meaning to the word "reclusive"  
 A) solitary      B) distinct      C) hostile      D) lonely
12. Select the word that is furthest in meaning to the word "Sage".  
 A) Miser      B) Fool      C) Traitor      D) Tyrant
13. Read the following passage and answer the questions: (Each question carries 0.25 marks)

I started for school very late that morning and was in great dread of a scolding, especially because M. Hamel had said that he would question us on participles, and I did not know the first word about them. For a moment I thought of running away and spending the day out of doors. It was so warm, so bright! The birds were chirping at the edge of the woods; and in the open field back of the sawmill the Prussian soldiers were drilling. It was all much more tempting than the rule for participles, but I had the strength to resist, and hurried off to school.

When I passed the town hall there was a crowd in front of the bulletin-board. For the last two years all our bad news had come from there — the lost battles, the draft, the orders of the commanding officer — and I thought to myself, without stopping, "What can be the matter now?" Then, as I hurried by as fast as I could go, the blacksmith, Wachter, who was there, with his apprentice, reading the bulletin, called after me, "Don't go so fast, bub; you'll get to your school in plenty of time!" I thought he was making fun of me, and reached M. Hamel's little garden all out of breath.

Usually, when school began, there was a great bustle, which could be heard out in the street, the opening and closing of desks, lessons repeated in unison, very loud, with our hands over our ears to understand better, and the teacher's great ruler rapping on the table. But now it was all so still! I had counted on the commotion to get to my desk without being seen; but, of course, that



day everything had to be as quiet as Sunday morning. Through the window I saw my classmates, already in their places, and M. Hamel walking up and down with his terrible iron ruler under his arm. I had to open the door and go in before everybody. You can imagine how I blushed and how frightened I was.

But nothing happened. M. Hamel saw me and said very kindly, "Go to your place quickly, little Franz. We were beginning without you."

13a. Why did the author think of running away and spending the day out of doors?

- A) He did not do his homework
- B) He did not like to go to school
- C) He was not prepared for questions on participles by M. Hamel
- D) He wanted to enjoy outdoors with the Prussian soldiers

13b. Who was Wachter?

- A) Goldsmith
- B) Cobbler
- C) Prussian soldier
- D) Blacksmith

13c. What was unusual about the school on that day?

- A) It was as quiet as on a Sunday
- B) The school was closed
- C) M. Hamel welcomed the author happily
- D) The children were all sleeping

13d. What is the meaning of the word 'rapping' in the passage?

- A) grappling
- B) swaying
- C) striking on a surface
- D) spreading

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### Section III: Logic & Quantitative Ability

14. Whenever Dexter sings, Pheneas gets a headache and Phoebe groans. If Phoebe is not groaning, which of the following statements must be true?

- A) Pheneas has a headache but Dexter is not necessarily singing
- B) Dexter is singing, but Pheneas does not necessarily have a headache
- C) Dexter has been singing and Pheneas is beginning to get a headache
- D) Dexter is not singing

15. Four years ago, Julie was twice as old as Tim. Four years on from now, Tim will be  $\frac{3}{4}$  of Julie's age. How old is Julie now?

- A) 10
- B) 12
- C) 16
- D) 6

16. If you count from 1 to 100, how many 7s will you come across on the way?

- A) 11
- B) 19
- C) 20
- D) 21

17. One Euro = 1.45 USD, and One USD = 46 INR. What is the value of 15 Euros in INR?

- A) 1000
- B) 1000.25
- C) 1000.5
- D) 1001.5

18. The median of the first 11 prime numbers is:

- A) 11
- B) 12
- C) 13
- D) 20

19. Find the mode of 43, 42, 40, 40, 48, 45, 40, 40.

- A) 44
  - B) 46
  - C) 48
  - D) 40
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Section IV: Computer Science

20. Which of the following is a meta search engine?  
A) Yahoo                      B) Dogpile                      C) Google                      D) Northern Light
21. Which of the following are library networks?  
(1) INTERNET                      (2) DELNET                      (3) NICNET                      (4) OCLC  
A) 1 and 2 are correct  
B) 2 and 4 are correct  
C) 1 and 3 are correct  
D) 1 and 4 are correct
22. Identify the correct order of the evolution of following devices.  
A) DVD, Magnetic Tape, Floppy, CD  
B) CD, DVD, Magnetic Tape, Floppy  
C) Floppy, CD, DVD, Magnetic Tape  
D) Magnetic Tape, Floppy, CD, DVD
23. Which of the sequences is in ascending order?  
A) Bytes, Gigabytes, Megabytes, Terabytes  
B) Bytes, Megabytes, Gigabytes, Terabytes  
C) Bytes, Terabytes, Megabytes, Gigabytes  
D) Megabytes, Bytes, Terabytes, Gigabytes
24. The first page of website is known as:  
(A) Cover Page                      (B) Home Page                      (C) Title Page                      (D) Half-title Page
25. What is meant by invisible web?  
A) web that cannot be seen  
B) a trap that cannot be identified easily  
C) World Wide Web content that is not part of the surface Web and which is not indexed by standard search engines  
D) none of the above
26. The term WebEx refers to:  
(i) Online Meeting                      (ii) Web Conferencing  
(iii) Videoconferencing                      (iv) Online Interview  
A) (i) and (ii)                      B) (iii) and (iv)                      C) (iv)                      D) (i), (ii), (iii) and (iv)
27. Protocol is:  
A) a set of application software                      B) a set of rules and regulations  
C) a set of prototype                      D) a meta search engine
28. A 'firewall' is a:  
A) Virus scanner                      B) Security mechanism to restrict access to unauthorized users  
C) Wall between hardware and software                      D) A wall against saving computer from fire
29. TIFF stands for:  
A) Telecommunication International File Format                      B) Digital Library Software  
C) Tagged Image File Format                      D) Digital Library Hardware
30. Optical Fiber is used in:  
A) Computerized Circulation                      B) Automatic Cataloguing  
C) Telecommunications                      D) Computerized SDI

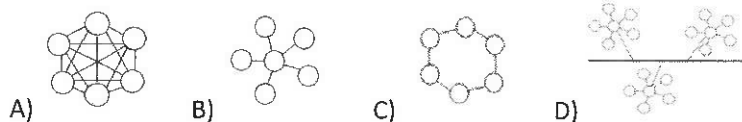




31. In computer terminology and usage, the term 'Bug' stands for:  
 A) Error in code  
 B) Complete virus  
 C) Error in hardware selection  
 D) Error in software selection
32. A web browser is a client programme, which uses the following Protocol  
 A) FTP  
 B) HTTP  
 C) TCP/IP  
 D) POP
33. A database consists of following terms in the ascending sequence of:  
 A) Record, Field, File, Database  
 B) File, Field, Record, Database  
 C) Field, Records, Files, Database  
 D) Database, Records, Field, File
34. Which of these is NOT a Web browser?  
 A) Internet Explorer  
 B) Netscape Navigator  
 C) Opera  
 D) Mozilla Thunderbird
35. Consecutive execution of two or more processes in a single device is:  
 A) Random processing  
 B) Sequential processing  
 C) Parallel processing  
 D) Serial processing
36. The client-server TCP/IP protocol used in World Wide Web for the exchange of HTML documents is called:  
 A) Hypertext Transport Protocol  
 B) Hypertext Transfer Protocol  
 C) File Transfer Protocol  
 D) Internet Protocol Control Protocol
37. RSS stands for  
 A) Really Simple Syndication.  
 B) Really simple Search  
 C) Rich Search Sytem  
 D) Real Symantic System
38. USB stands for  
 A) Universal System Bus  
 B) Universal Serial Bus  
 C) Universal System Bytes  
 D) Universal Serial Bytes
39. Identify the micro-blogging platform  
 A) Blogger  
 B) Wordpress  
 C) Twitter  
 D) Typepad
40. Which one of the following is a social bookmarking web service:  
 A) facebook.com  
 B) flickr.com  
 C) ibibo.com  
 D) del.icio.us
41. Who publishes Lecture Notes in Computer Science (LNCS)  
 A) Emerald  
 B) Academic Press  
 C) Springer  
 D) Routledge



42. In Network Topologies, which of the following diagram is Mesh Topology?



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**Section V: Library & Information Science**

43. Which of the following are maintained to provide Selective Dissemination of Information (SDI) Service?

(1) Author Profile    (2) Library Profile    (3) Document Profile    (4) User Profile

- A) 1 and 2 are correct
- B) 2 and 3 are correct
- C) 3 and 4 are correct
- D) 1 and 4 are correct

44. Which of the following are library networks?

(1) INTERNET    (2) DELNET    (3) NICNET    (4) OCLC

- A) 1 and 2 are correct
- B) 2 and 4 are correct
- C) 1 and 3 are correct
- D) 1 and 4 are correct

45. Pre-natal cataloguing means:

- A) Simplified Cataloguing
- B) Pre-publication Cataloguing
- C) Selective Cataloguing
- D) Shared Cataloguing

46. Identify the odd one:

A) LISA    B) Psychological Abstracts    (C) Index Medicus    D) World of Learning

47. An entry into an abstracting journal consists of:

- A) Bibliographic Citation
- B) An Abstract and Bibliographic Citation
- C) Annotation
- D) Bibliographic Citation, An Abstract, and Initial of the abstractor

48. Orientation of library users is a kind of:

- A) Reference Service
- B) Referral Service
- C) Current Awareness Service
- D) Selective Dissemination of Information Service

49. What are the primary sources of information?

A) Encyclopedias    B) Journals    C) Indexes    D) Text Books

50. What kind of information sources are Patents?

A) Primary    B) Tertiary    C) Secondary    D) Adjunct

51. Arrange the physical forms of catalogue in chronological sequence.

- A) Register, Sheaf Catalogue, Card catalogue, OPAC
- B) Sheaf Catalogue, Register, Card Catalogue, OPAC
- C) Card Catalogue, Sheaf Catalogue, Register, OPAC
- D) Sheaf Catalogue, Card Catalogue, Register, OPAC



52. Match the following:

*List 1*

- (a) Search Engine
- (b) Subject Gateway
- (c) Net Browser
- (d) Meta search Engine

*List 2*

- (i) Internet Explorer
- (ii) Dogpile
- (iii) FTP
- (iv) INTUTE (SOSIG)
- (v) Altavista

- Code: (a) (b) (c) (d)
- (A) (iv) (iii) (ii) (i)
- (B) (v) (iv) (i) (ii)
- (C) (v) (i) (ii) (iii)
- (D) (v) (i) (iv) (ii)

53. Match the following:

*List 1*

- (a) Windows Vista
- (b) KOHA
- (c) Excel
- (d) PageMaker

*List 2*

- (i) DTP Software
- (ii) Multi-user OS
- (iii) DBMS
- (iv) Open Source ILMS
- (v) Spreadsheet Application

- Code: (a) (b) (c) (d)
- (A) (ii) (iv) (v) (i)
- (B) (v) (i) (ii) (iii)
- (C) (iv) (v) (i) (ii)
- (D) (iii) (i) (v) (ii)

54. What does IFLA stand for and where is it located?

*List 1*

- (a) International Federation of Library Association
- (b) International Federation of Landscape Architecture
- (c) International Finance and Leasing Association
- (d) International Foundation for Library Automation

*List 2*

- (i) Geneva
- (ii) The Hague
- (iii) Paris
- (iv) Washington

- A) (d) and (iv)      B) (a) and (ii)      C) (c) and (i)      D) (b) and (iii)

55. What does INDEST stand for?

- A) Information and Digital Library for Engineering Sciences & Technology
- B) Indian National Digital Library in Engineering Sciences & Technology
- C) Indian Engineering & Scientific Trust
- D) Information Database of Engineering & Scientific Terms

56. SCOPUS is a:

- (A) Full-text Database
- (B) Abstract and Citation Database
- (C) Numerical Database
- (D) None of the above

57. Which of the following are library management softwares?

- (1) Libsys      (2) DSpace      (3) Green Stone      (4) SLIM
- (A) (2) and (4)
- (B) (1) and (3)
- (C) (1) and (4)
- (D) (3) and (4)

58. What is an asset register of library reading materials called?

- (A) Stock Verification Register
- (B) Accession Register
- (C) Sheaf Catalogue
- (D) OPAC



59. Who publishes Dewey Decimal Classification?  
 (A) IFLA (B) OCLC (C) RRLF (D) Melvil Dewey
60. What does AACR 2 stand for?  
 (A) Anglo-American Classification Regulations, 2<sup>nd</sup> Volume  
 (B) Anglo-American Cataloguing Rules, 2<sup>nd</sup> Edition  
 (C) All American Cataloguing Rules, 2<sup>nd</sup> Part  
 (D) American Arabic Classification Rules, 2<sup>nd</sup> Edition
61. Identify the odd one:  
 (A) MARC (B) CCF (C) DDC (D) AACR 2
62. Which of the following is a main class?  
 (A) 630 – Agriculture (B) 412 – Etymology  
 (C) 600 - Technology (D) 301 – Sociology & Anthropology
63. According to the latest ranking (January - 2010) of World's Open Access Repositories, which of the following institute repositories of India is ranked the top repository?  
 (A) Indian Institute of Astrophysics (B) Raman Research Institute  
 (C) National Institute of Oceanography (D) Indian Institute of Science
64. From the following, identify the developer of Kindle E-Book Reader.  
 (A) Sony (B) Amazon (C) Barnes & Noble (D) Flipkart
65. The UGC-INFONET consortium programme is handled by:  
 A) NISTADS, New Delhi B) IIT Delhi  
 C) IISc, Bangalore D) INFLIBNET Centre, Ahmedabad
66. In INDEST Consortium, IITs come under:  
 A) Associate Membership Category B) Supported Membership Category  
 C) Core Membership Category D) Affiliated Membership Category
67. Annual Convention of INFLIBNET organized to discuss the progress of the library automation and library services is known as:  
 A) ISCON B) NACLIN C) CALIBER D) INFONET
68. DELNET stands for:  
 A) Delhi Library Network B) Developing Library Network  
 C) Delhi Library Information Center D) Developed Library Network
69. The publisher of Science Direct is:  
 A) Springer B) Taylor and Francis C) Elsevier D) CRC Press
70. The ISBN No. in India is given by which of the following organization:  
 A) National Library B) NISCAIR C) National Science Library D) RRLF
71. National Science Library, India is based at:  
 A) IIT Delhi B) ISI, Bangalore C) National Library, Kolkata D) NISCAIR, New Delhi
72. Which of the following bibliographic standards was adopted by AACR II:  
 A) ASCII B) ISO C) ISBD D) ANSI
73. Bibliometric Law of Scattering is associated with  
 A) Garfield B) Zipf C) Lotka D) Bradford





74. A *Glossary* is a:
- A) List of technical words and definitions      B) List of terms in a language  
 C) List of thematically arranged words      D) Alphabetical index to passages of work
75. What does ASTM stand for?
- A) American Standards for Testing of Minerals  
 B) American Society of Training and Management  
 C) American Society for Testing and Materials  
 D) Adiabatic Standard Temperature and Mass
76. Number of digits in ISBN now are:
- A) 10 Digits      B) 11 Digits      C) 12 Digits      D) 13 Digits
77. One of the following pairs has designed models of Communication:
- A) Shannon and Weaver      B) Ranganathan and Neelameghan  
 C) Blake and Mouton      D) Losswell and Gerbher
78. Maslow's theory is related to:
- A) Motivation      B) Leadership      C) Maturity      D) Scientific Management
79. What kind of software is DSpace?
- A) Freeware      B) Shareware      C) Social Software      D) Open Source Software
80. Details about the books such as title, author or publisher, place and year of publication, pages etc. are called?
- A) Imprint  
 B) Annotations  
 C) Collation  
 D) Bibliographical data
81. If we apply Delphi Method of research in Library and Information Science, what will be the results?
- A) It will present a tentative solution  
 B) It will solve the problems  
 C) It will help in the administration  
 D) It will predict future developments
82. Which was the second Library Act enacted in India?
- A) Madras  
 B) Karnataka  
 C) Andhra Pradesh  
 D) Maharastra
83. Pseudonym is a:
- A) First name  
 B) Real name  
 C) Corporate name  
 D) Fictitious name
84. The Dublin Core Metadata:
- A) International Standard of cataloguing and managing the information of electronic resources  
 B) National Standard of cataloguing and managing the information electronic resources  
 C) It is not a method of cataloguing and managing the information electronic resources  
 D) Used for cataloguing and managing of books only



85. A library where digital and printed information resources co-exist and are brought together in an integrated information service accessible locally as well as remotely is:
- A) Digital library
  - B) Hybrid library
  - C) County library
  - D) Chartered library
86. Commonly used full text file formats in an electronic journal is:
- A) TIFF and TXT
  - B) JPEG and MSWORD
  - C) PDF and HTML
  - D) MPEG and PDF
87. *Bibliothèque Nationale* is the National Library of
- A) Canada
  - B) Germany
  - C) Switzerland
  - D) France
88. The Digital Millennium Copyright Act (DMCA) is
- A) United States Copyright Law
  - B) British Copyright Law
  - C) European Copyright Law
  - D) Russian Copyright Law
89. Name the term that refers to the technologies used by publishers or copyright owners to control access to or usage of digital data or hardware, and to restrictions associated with a specific instance of a digital work or device:
- A) Digital Restriction Management
  - B) Digital Rights Management
  - C) Digital Governance
  - D) Digital Asset Management
90. Which library is entitled, under the Berne Convention, to receive a free copy of every book published in the country?
- A) Corporation Library
  - B) Copyright Library
  - C) Chartered Library
  - D) Community Library

Expand the following abbreviations.

(Each question carries 1 mark)

- 91. OAI-PMH
- 92. PURL
- 93. WIPO
- 94. UNDP
- 95. RFID
- 96. PLANNER
- 97. DCMI
- 98. ISDN
- 99. ISBD
- 100. JPEG





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**Screening Test for the Recruitment of SLIA on 8th January 2011**  
**WORK SHEET**

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**INDIAN INSTITUTE OF TECHNOLOGY RAJASTHAN**  
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**ANSWER KEY**

Section I		
Q. No.	Key	Marks
1	A	1
2	B	1
3	B	1
4	C	1
5	C	1
6	D	1
Section II		
Q. No.	Key	Marks
7a	B	0.5
7b	C	0.5
8a	A	0.5
8b	C	0.5
9a	C	0.5
9b	B	0.5
10	A	1
11	A	1
12	B	1
13a	C	0.25
13b	D	0.25
13c	A	0.25
13d	C	0.25

Section III		
Q. No.	Key	Marks
14	D	1
15	B	1
16	C	1
17	C	1
18	C	1
19	D	1

Section IV		
Q. No.	Key	Marks
20	B	1
21	B	1
22	D	1
23	B	1
24	B	1
25	C	1
26	D	1
27	B	1
28	B	1
29	C	1
30	C	1
31	A	1
32	B	1
33	C	1
34	D	1
35	C	1
36	B	1
37	A	1
38	B	1
39	C	1
40	D	1
41	C	1
42	A	1





Section V					
Q. No.	Key	Marks	Q. No.	Key	Marks
43	D	1	81	D	1
44	B	1	82	C	1
45	B	1	83	D	1
46	D	1	84	A	1
47	D	1	85	B	1
48	C	1	86	C	1
49	B	1	87	D	1
50	A	1	88	A	1
51	A	1	89	B	1
52	B	1	90	B	1
53	A	1	91	Open Archives Initiative Protocol for Metadata Harvesting	1
54	B	1	92	Persistent Uniform Resource Locator	1
55	B	1	93	World Intellectual Property Organization	1
56	B	1	94	United Nations Development Program	1
57	C	1	95	Radio Frequency Identification	1
58	B	1	96	Promotion of Library Automation and Networking in North East Region	1
59	B	1	97	Dublin Core Metadata Initiative	1
60	B	1	98	Integrated Services Digital Network	1
61	C	1	99	International Standard Bibliographic Description	1
62	C	1	100	Joint Photographic Experts Group	1
63	D	1	100	Joint Photographic Experts Group	1
64	B	1			
65	C	1			
66	C	1			
67	B	1			
68	C	1			
69	C	1			
70	D	1			
71	D	1			
72	C	1			
73	D	1			
74	A	1			
75	C	1			
76	D	1			
77	A	1			
78	A	1			
79	D	1			
80	D	1			

