



भारतीय प्रौद्योगिकी संस्थान राजस्थान
INDIAN INSTITUTE OF TECHNOLOGY RAJASTHAN

Old Residency Road, Ratanada, Jodhpur 342011

Screening Test for Recruitment of Senior Library & Information Assistant (SLIA)

19th November, 2012

QUESTION BOOKLET

Time: 60 Mins.

Max. Marks: 100

Name of the Candidate:

Signature of the Candidate:

Name & Signature of the Invigilator:

Instructions to the candidates:

- There are five (05) sections with ten (10) questions each.
- Each question carries 2 marks.
- Verify the number of pages in the question booklet with the information printed in this page.
- Write your name and sign at the top of the answer sheet and response sheet.
- Each item has four alternative responses marked a, b, c and d. Indicate your response in the response sheet provided.
- Rough work must be done only in the rough work sheet provided at the end of this booklet.
- Return the question booklet along with response sheet to the invigilator before leaving the examination hall.
- Use only Blue/Black ball point pens.
- There is no negative marking.
- Use of mobile phones, calculators, other electronic gadgets and log books is strictly prohibited.

Section I: General English

For questions 1 to 3, choose the right option to fill in the blanks:

1. He is very different _____ his brother.
 - a. from
 - b. than
 - c. compared
 - d. rather
2. All those who work hard, _____ have time for trivial enjoyment
 - a. hardly
 - b. badly
 - c. mostly
 - d. always

3. I am surprised _____ your question.
- with
 - at
 - for
 - of
4. Choose the correct meaning for "erratum",
- An architectural mistake
 - A birth defect
 - A mistake in typing or writing
 - An error in pronunciation
5. Choose the most appropriate synonym for the word in bold capitals:
"The volcano on the island is **DORMANT**."
- cold
 - inactive
 - dangerous
 - old
6. Choose the most appropriate antonym for the word in bold capitals:
"It is **COMPULSORY** that all members of the board be present at the meeting."
- optional
 - contrary
 - obligatory
 - conditional
7. Identify the option that is close in meaning to "To make a point of"
- to bring into use
 - to tell a wonderful thing
 - to ask many questions
 - to attach importance to
8. Choose the alternative which best expresses the meaning of the bold or given idiom/phrase: "Why should you read **between the lines** whenever I say this to you?"
- read the lines with great speed
 - interpret the lines wrongly
 - find more meaning than the words appear to express
 - read a text line – by – line slowly
9. Reorder the following to form a meaningful sentence:
- have provided us
 - the works of William Shakespeare
 - such common expressions
 - that have become
 - that few realize their source
 - with a number of phrases
- ABDFEC
 - BAFDCE
 - AFBDEC
 - CDABEF

10. Identify the error in the given sentence:

Many a student (A) / have passed (B) / the I.I.T examination (C) / No error (D)

- a. A
- b. B
- c. C
- d. D

Section II: Logical Reasoning & Quantitative Aptitude

11. Pointing to a man on the stage, Sushmita said, "He is the brother of the daughter of the wife of my husband. "How is the man on the stage related to Sushmita?"

- a. Son
- b. Husband
- c. Cousin
- d. Nephew

12. If "Rectangle : Pentagon", then

- a. Side : Angle
- b. Diagonal : Perimeter
- c. Triangle : Rectangle
- d. None of these

13. Rearrange the jumbled letters and form meaningful words and identify the odd one among them.

- a. VIELR
- b. TRSIH
- c. THAER
- d. SNLUG

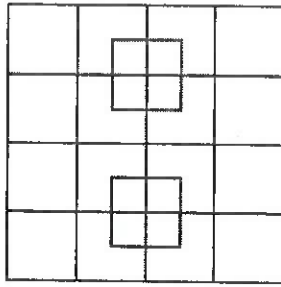
14. Find out the pair of numbers that do not belong to the group for lack of common property.

- a. 117, 13
- b. 162, 18
- c. 171, 19
- d. 304, 16

15. Complete the sequence: 3, 20, 63, 144, 275, (...)

- a. 354
- b. 468
- c. 548
- d. 554

16. How many squares do you see in this figure?



- a. 38
- b. 40
- c. 23
- d. 26

17. If 20% of A = 30% of B = $\frac{1}{6}$ th of C, then A : B : C is:

- a. 2 : 3 : 16
- b. 3 : 2 : 16
- c. 10 : 15 : 18
- d. 15 : 10 : 18

Calculate for questions 18 to 20:

18. If a reference publication costs Euro 875, convert it into Indian Rupees at 1 Euro = Rs. 70 and choose the correct answer.

- a. Rs. 61,000.00
- b. Rs. 61,250.00
- c. Rs. 62,000.00
- d. Rs. 62,250.00

19. What would be the price after a discount of 25%? Choose the correct answer.

- a. Rs.47256.00
- b. Rs.48230.00
- c. Rs.45867.00
- d. Rs.45937.50

20. What is the final price after adding 2% handling charges

- a. Euro 874
- b. Rs. 45856.25
- c. Rs. 61,250.00
- d. Rs. 45937.50

Section III: General & Current Awareness

21. Which one of the following is the sequel to Wings of Fire, the autobiography of Dr. A.P.J. Abdul Kalam?

- a. Ignited Minds
- b. Target 3 Billion: Innovative solutions towards sustainable development
- c. The Scientific Indian: The twenty-first century guide into the world around us
- d. Turning Points: A journey through challenges

22. Which of the following books is authored by Carl Sagan?
- A Brief History of Time
 - Cosmos
 - $E=mc^2$
 - The Time Machine
23. Venkataraman Ramakrishnan received Nobel Prize in 2009 in which of the following subject areas?
- Chemistry
 - Economics
 - Literature
 - Physics
24. Who is the editor of Current Science journal published by Indian Academy of Sciences?
- Dr. S. Parthasarathy
 - Prof. A. Neelameghan
 - Dr. Padmanabhan Balaram
 - Dr. Sujatha Ramdorai
25. How many IITs have been established in India till now?
- 7
 - 8
 - 15
 - 16
26. What according to the experiments conducted at CERN's Large Hadron Collider in Switzerland is the *God Particle*?
- Higgs Boson
 - Higgs Gluon
 - Higgs Lepton
 - Higgs Meson
27. Who is the Chairman of National Knowledge Commission?
- Dr. Jagdish Arora
 - Sh. Nandan Nilekani
 - Dr. Padmanabhan Balaram
 - Sh. Sam Pitroda
28. According to Mahabharata, who penetrate the multi-tier battle formation called Padmavyuh or Chakravyuh and fought valiantly till death as he did not know how to exit the formation?
- Abhimanyu
 - Arjuna
 - Ashwatthama
 - Karna

29. Katrina, Rita, Felix, and Sandy are the names of:
- Atlantic hurricanes
 - Band of western singers
 - Hollywood actresses
 - Tennis players
30. Name the only Indian woman boxer to have won bronze medal in 2012 Olympics:
- Mangte Chungneijang Mary Kom
 - Karnam Malleswari
 - Koneru Humpy
 - Nirupama Vaidyanathan

Section IV: Library & Information Science

31. Identify the one that does not belong to the group:
- EBSCO
 - Elsevier
 - Springer
 - Wiley
32. The measure reflecting the average number of citations to recent articles published in an academic journal is known as:
- Citation Factor
 - H-Index
 - Impact Factor
 - Journal Citation Report
33. Web of Science is a product of:
- Chemical Abstracts Service
 - Elsevier Science B.V.
 - Serials Solutions
 - Thomson Reuters
34. As per General Financial Rules (GFR 2005) issued by Government of India, with respect to the physical verification of books in libraries, how many books per one thousand books that are issued or consulted may be treated as lost and written off without the responsibility of librarian?
- 2
 - 3
 - 5
 - 8
35. What does 'E' stand for in the five fundamental postulates of P-M-E-S-T?
- Economy
 - Elegance
 - Energy
 - Equality

36. What does LOC stand for?
- Liberty of Communication
 - Library of Congress
 - Line of Control
 - Lots of Copies
37. Written material such as reports that are difficult to find via conventional channels such as published journals and monographs, because it is not published commercially or is generally inaccessible is called:
- Blue literature
 - Bold literature
 - Grey literature
 - Red literature
38. Where is National Library of India located?
- Bhopal
 - Delhi
 - Kolkata
 - Mumbai
39. Which amongst this group is **not** a consortium?
- INDEST
 - MANLIBNET
 - NKRC
 - UGC-INFONET
40. Identify the one that does not belong to the group:
- Alice for Windows
 - Koha
 - Libsys
 - VTLS

Section V: Information & Communication Technologies

41. The client-server TCP/IP protocol used in World Wide Web for the exchange of HTML documents is called:
- File Transfer Protocol
 - Hypertext Transport Protocol
 - Hypertext Transfer Protocol
 - Internet Protocol
42. TIFF is a/an _____ file format.
- Audio
 - Video
 - Image
 - Text

43. In an email, what does BCC stand for?
- Black Carbon Copy
 - Blank Carbon Copy
 - Blind Carbon Copy
 - Blue Carbon Copy
44. Identify the one that does not belong to the group:
- Dspace
 - EPrints
 - Greenstone
 - Mendeley
45. Identify the one that does not belong to the group:
- Bill Gates
 - Eugene Garfield
 - Steve Jobs
 - Tim Berners Lee
46. Cupcake, Honeycomb, Ice Cream Sandwich, Gingerbread, Jelly Bean are the versions of which one of the following?
- Android Operating System
 - Episodes of Master Chef Australia
 - Linux Operating System
 - Sugarfree desserts
47. Which of the following is application software?
- Windows
 - Ubuntu
 - MS Office
 - Red Hat Linux
48. What does RSS in "RSS Feeds" stand for?
- Random Site Summary
 - Rashtriya Swayamsevak Sangh
 - Really Simple Syndication
 - Royal Society for Science
49. Identify the one that does not belong to the group:
- Blogger
 - Facebook
 - TypePad
 - Word Press
50. A technology that inhibits use of digital content in any form that is not desired or intended by the content provider is:
- Copyright
 - Digital Rights Management
 - Intellectual Property Right
 - Patent



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RESPONSE SHEET

Name of the Candidate:

Signature of the Candidate:

Name of the Invigilator:

Signature of the Invigilator:

Section I		Section II		Section III		Section IV		Section V	
Question No.	Answer	Question No.	Answer	Question No.	Answer	Question No.	Answer	Question No.	Answer
1.		11.		21.		31.		41.	
2.		12.		22.		32.		42.	
3.		13.		23.		33.		43.	
4.		14.		24.		34.		44.	
5.		15.		25.		35.		45.	
6.		16.		26.		36.		46.	
7.		17.		27.		37.		47.	
8.		18.		28.		38.		48.	
9.		19.		29.		39.		49.	
10.		20.		30.		40.		50.	

For Office Use Only:

Marks Obtained:

Evaluator's signature:



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ROUGH WORK SHEET
