DATE OF EXAM: 12-JULY-2018

DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

QUESTION BOOKLET

SERIES II

Subject: General English, Library Science

BOOKLET SERIAL NO.

190058

Marks: 300

Time: 3 (three) hours

Read the following instructions carefully before you begin to answer the questions.

INSTRUCTIONS TO CANDIDATES

1. This booklet contains **150 questions** to be answered in a separate OMR Answer Sheet using Black Ball Pen in following two parts.

Part-A-General English: 50 questions, Part-B-Library Science: 100 questions.

- 2. All Questions are compulsory.
- 3. You will be supplied the Answer sheet separately by the invigilator. You must complete the details of particulars asked for.
- 4. Answers must be shown by completely blackening the corresponding circles in the Answer Sheet against the relevant question number by Black Ball Pen. OMR Answer Sheet without marking series/double series marking shall not be evaluated.

Example:

Supposing the following question is asked:-

The Capital of Meghalaya is-

- A. Guwahati
- B. Kohima
- C. Shillong
- D. Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below:-

(A). (B) (C) (D)

In the above illustration, if your chosen response is alternative C i.e. Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ball Point Pen only as below:

(A) (B) (D)

WHICH IS THE ONLY CORRECT METHOD OF ANSWERING:

- 5. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
- 6. There will NOT be any negative marking for wrong answers.
- 7. The Answer Sheet must be handed over to the invigilator before you leave the Examination Hall.
- 8. No rough work is to be done on the Answer Sheet. Space for rough work has been provided in the question booklet.

PART - A - GENERAL ENGLISH

Marks:100

Each question carries 2 marks:			9. The Hindustan Times aspires to have a mil-		
			lion readers	the next year.	
Section-I			a) by		
			c) until	d) through	
A. Choose the correct	ct option to fill the				
gaps:			10. Monkeys li	vetrees.	
			a) on	b) upon	
1. Coal has become de	earer the end		c) in	d) into	
of last year.					
a) from	b) for		11. They want	ed advice how they	
c) since	d) to		could procure funds for their new business.		
			a) about	b) to	
2. Conversation was	carried on		c) for	d) on	
whispers.					
a) on	b) by		12. You are adv	vised to learn this lesson word	
c) away			word.		
			a) for	b) by	
3. She said that she wa	as feeling sick		c) to	d) in	
3. She said that she was feeling sickheart.					
a) of	b) in		13. Each boy	and each girl was presented	
c) at	d) to		sweets.		
o) at	4) 10			on is needed b) with	
4. Julia resembles	her mother	•	c) to	d) for	
	b) after				
c) no preposition is ne	,		14. The amazing thing about Gandhiji was that		
1 1			he adhered his ideals and to his con-		
5. You are trying to dra	g mea contro-		ception of truth.		
versy.				b) against	
a) in	b) into		c) for	, 0	
c) from	d) for				
tuline.	4) 101		15. Oil does n	ot blend water any	
6. This accommoda	tion is not adequate		more than iron floats on it.		
6. This accommodation is not adequate the needs of our family.			a) into	b) in	
a) upto	b) on		c) with	d) no preposition is needed	
c) to	d) for		-)	a) no proposition is needed	
<i>c)</i> to	4) 101		16. An educated	man should know what is first	
7. The young boy was enchanted the			rate in those activities which spring the		
7. The young boy was enchanted the beauty of the girl.			creative and intellectual faculties of human na-		
a) with	b) by		ture.	shoctadi lacarros of flaman na-	
c) of	d) in		a) from	b) out of	
C) 01	u) III		c) to	d) on	
8. He is out of step	modern life.		5,10	d) on	
a) in	b) into		17. Bangs alter	nate crashes.	
c) with	d) on		a) no prepositio		
o _j with	u) on		c) from	d) in	
DEPL-18		1	0) 110111	u) m II	

18. The roof collap	sed and the people sitting
a) under	b) below
c) beneath	d) behind
_	ntage of marks, you are not
eligiblead	mission.
a) to	b) of
c) for	d) on
20. I instilled my ide	eas his mind.
a) into	b) in
c) upto	d) over
Sea Sea C	
21. He craved	my forgiveness.
a) of	b) for
c) to	d) on
22. He was advised the contest.	by his father to withdraw
a) against b)	from
, •	no preposition is needed
23. I beg to differ	you on the subject
a) from	b) with
c) to	d) for
24. His comments the topic of the	s were almost irrelevant ne evening.
a) for	b) to
c) on	d) about
25. The cat is hiding	from us the table.
a) below	b) beneath
c) at	d) under

Section-II

B. Choose the correct sentence:

- 26. a) Now that you had deserted me, I shall have nothing to do with you in future.
- b) Now that you have deserted me I shall have nothing to do with you in future.
- c) Now that you will have deserted me I have nothing to do with you in future.
- d) Now that you have deserted me I have noth-

ing do with you in the future.

- 27. a) The plea for a separate state is too serious a matter to be treated lightly.
- b) The plea for a separate state is too serious matter to be treated lightly.
- c) The plea for a separate state is too serious a matter to treat lightly.
- d) The plea for a separate state is too serious matter be treated lightly.
- 28. a) Some of the deadly diseases was controlled.
- b) Some of the deadly diseases were controlled.
- c) Some of the deadly diseases were control.
- d) Some of the deadly diseases was control.
- 29. a) I had hardly reached home when it would start raining.
- b) Hardly had I reached home then it started raining.
- c) Hardly had I reached home and it started raining.
- d) Hardly had I reached home when it started raining.
- 30. a) As soon as the bell rang, the boys rushed out of the classrooms.
- b) As soon as the bell rang and the boys rushed out of the classrooms.
- c) As soon as the bell did ring, the boys rushed out of the classrooms.
- d) As soon as the bell rang than the boys rushed out of the classrooms.
- 31. a) No sooner did the child saw the dog it ran away.
- b) No sooner did the child see the dog then it ran away.
- c) No sooner did the child see the dog than it ran away.
- d) No sooner the child saw the dog, it ran away.
- 32. a) He is the man whom met me yesterday.
- b) He is a man who met me yesterday.
- c) He is the man who met me yesterday.

- d) He the man is who met me yesterday.
- 33. a) I asked my mother if I can out with my friend.
- b) I asked my mother if I could go out with my friend.
- c) I asked my mother whether if I could go out with my friend.
- d) I asked my mother whether I can go out with my friend.
- 34 a) Had there been no rains, there would had a drought.
- b) Had there been no rains, there would had been a drought.
- c) Had there been no rains, there would have been a drought.
- d) Had there been any rains, there would have been a drought.
- 35. a) He told them that he could not attend the office as he is sick.
- b) He told them that he cannot attend the office as he was sick.
- c) He told them that he could not attend the office as he was sick.
- d) He told that he might not attend the office as he was sick.

Section-III

C. Read the following passage and answer the questions given below following the instruction:

There is no reason to believe that there are fundamental differences between the East and the West. Human beings are basically the same everywhere. The differences, which undoubtedly are significant, are related to external, social conditions.

East and West are relative terms. They are geographical expressions and not cultural types. The differences among countries like China, India, and Japan are quite as significant as those among European or American Countries. These differences are of specific

cultural patterns with distinctive beliefs and habits developed in different regions in relative isolation from one another. There were periods when China and India were preeminent in cultural affairs, others when Western nations aided by scientific developments have dominated the East.

The world has now reached a stage of intercommunication. All societies are fast becoming industrialised and new sets of values are springing up. If we are to live together in peace we must develop international cooperation and understanding.

36. During the last four centuries

- a) the eastern nations have dominated the western countries
- b) the western nations have dominated the eastern countries
- c) the western countries have dominated the eastern countries with the help of scientific development
- d) the eastern countries have dominated the western countries in the religious field

37. The world has now reached a stage of

- a) lack of communication
- b) inter-communication
- c) inter-dependence
- d) none of the above

38. For living in peace

- a) both national and international understanding must be made
- b) international organisation must be strengthened
- c) there must be intercommunication between the nations
- d) international co-operation and understanding must be developed

39. The differences between human beings are

- a) fundamental
- b) not important because they are external, temporary and of social conditions.
- c) permanent
- d) none of the above

40. East and West are

- a) similar in all respects
- b) opposite in all respects
- c) relative terms, geographical expressions and not cultural types
- d) relative terms, geographical expressions and cultural types

Section-IV

D. Choose the correct meaning for the phrases given below:

41. No love lost between them means

- a) to have a fight
- b) to dislike each other
- c) to be as friendly as ever
- d) to be upset

42. To take stock of means

- a) to imagine
- b) to supply
- c) to survey
- d) to attract

43. Wolf in sheep's clothing means

- a) to act on the sly
- b) to be a good actor
- c) to be a hypocrite
- d) to be money-minded or materialistic

44. Wink at means

- a) to tease somebody
- b) to like someone
- c) to avoid taking notice of
- d) to stare at

45. To get one's back up means

- a) to become irritated
- b) to sit straight
- c) to act proud
- d) to give support

46. To talk shop means

- a) to talk a lot
- b) to use phrases peculiar to one's employment
- c) to like to shop
- d) to lie

47. To plough the sands means

- a) to be extremely accomplished
- b) to be resourceful
- c) to be dejected
- d) to busy oneself in an unprofitable proposi-

48. To run in the same groove means

- a) to have a pleasant time
- b) to run away from somebody
- c) to be in the same situation
- d) to advance in harmony

49. Our transatlantic cousins means

- a) foreign relatives
- b) friendly neighbours
- c) used by British for Americans
- d) people living across the Atlantic

50. Crocodile tears means

- a) hypocritical tears
- b) to sincerely use something
- c) to get hysterical
- d) tears cause due to presence of ammonia in something

PART - B - LIBRARY SCIENCE

Marks :200

Each question carry 2 marks:		Description (ISBD) was adopted in the year			
		a) 1970	b) 1971		
51. National Library for Visual Handicapped is situated in		.c) 1972	d) 1973		
a) Mumbai	b) Mysore	60. Posting the right person at the right pla			
c) New Delhi	d) Dehradun	is called			
	-	a) Recruitment	b) Employed		
52. SCOPUS is a		c) Induction	d) Deployment		
a) Full text Databa	ase	·)	a) Deproyment		
b) Abstracts and C		61 Maulana Abul k	Kalam Azad, the then Unior		
c) Numerical Data			Education Minister formally declared one of the		
d) None of the ab		following Libraries open to the Public in 1951			
,			e Library, New Delhi		
53. NACLIN is s	oonsored by				
a) INFLIBNET	b) DELNET	b) National Library for deaf-mute, Dehradun c) National Library, Calcutta			
c) AGRINET	d) CALIBNET		al Library, Thanjavur		
0)110141.121		u) Saraswaun Man	ai Libiaiy, Thanjavui		
54. Zero based bu	dget is concerned with	62. State public lib	raries are run by		
a) Present	b) Past	a) Community and rural development dep			
c) Future	d) Remote future	ment	rarar de veropinent depart-		
		b) Arts & culture			
55. Headquarter	of National Centre for Sci-	c) Directorate of higher and technical Educa-			
ence Information		tion	gner and technical Educa-		
a) Hyderabad	b) New Delhi	d) General adminis	tration department		
c) Bangalore	d) Kolkata	d) General adminis	dadon department		
, 0		63. The state centra	al library was handed by the		
56. Physical cond	litions of books should be		t to the Meghalaya govern-		
•	ed. This is known as	ment in the year	o to the frieghtiaya go vern		
a) Collation	b) Conservation	a) 1972	b) 1974		
c) Shelf arrangeme		c) 1975	d) 1976		
,	,	0) 19 , 0	<i>a)</i> 1970		
57. Payments for	the books purchased can be	64. Which of the fo	llowing software is useful		
made only after		for word processing?			
a) Duplicate check	ing	a) DBASE	b) LIBSYS		
b) Accessioning		c) WordStar	d) CDS/ISIS		
c) Physical verification	ation of books				
d) Processing of b	ooks	65. Which of the fo	llowing prescribed certain		
		standards for library			
58. Johann Gutenl	perg is well known for	a) ILA	b)ALA		
a) Bibliographies		c) BLA	d) NBT		
b) Printing Machin	e e	,			
c) Reference source	ces	66. The marketing	concepts in Library Service		
d) Computers		include	1		
			g, implementation and		

59. International Standard Bibliographic

control

b) advertising, planning, analysis and control c) distribution, control, analysis, implementa-		c) QRCode	d)All		
tion	, 45 s. si	75. FRBR is related to	i		
d) Indexing, planning, c	control and implementa-	a) Classification	b) Research		
tion		c) Cataloging	d) None		
67. Information retriev	al is fastest from	76. Example of Volatile	e memory is		
a) Floppy Disk	b) Magnetic Tape	a) ROM	b) RAM		
c) Hard Disk	d) None of the above	c) HDD	d)ALL		
7) 2202 # 2 222		v) 1133	u) I IIII		
68. In which five year plan the INFLIBNET		77. BARC is located a	77 BARC is located at		
was established?		a) Delhi	b) Kolkata		
a) Fourth five year plan		c) Gandhinagar	d) Mumbai		
b) Fifth five year plan		c) Garammagar	a) Wantour		
c) Sixth five year plan		78. UDC was designed	lin		
d) Seventh five year plan	an	a) 1905	b) 1900		
a) Seventii iive year pie		c) 1902	d) 1907		
60 Which of the follow	ving is the journal of Li-	C) 1902	u) 1907		
brary and Information	이 그 부모 다른 그들은 독일 시간이 그 이 모든 것 같다.	70. Have many layons	n OCI madala		
a) Abacus	Science?	79. How many layers i			
,		a) 6	b) 7		
b) Acta numerica		c) 9	d) 10		
c) Interlending and Doo	cument supply	00 107 4			
d) All of above		80. IFLA was establis			
50 551 51 5 7 11		a) 1928	b) 1927		
70. The Electronic Lib	rary 1s	c) 1921	d) 1923		
a) A Magazine	· 1		e e		
b) A Journal Name		81. In MARC-21 format 020 is used for			
c) A Library		a) Title Entry			
d) None of the above	a segundo el composito de la c	b) Resource Type Entry			
		c) Standard Number E	ntry		
71. The concept of Selective Dissemination		d) Author Entry	-)		
of Information (SDI) v	vas introduced by		1		
a) Kaiser	b) Luhn of IBM	82. Practically which s	ystem responds faster?		
c) S.R. Ranganathan	d) Derek Austin	a) GUI	b) Text based		
		c) Remote login based	d) None		
72. The book 'Library	y Administration' was		g 8 + 1		
brought out by Rangan	athan in	83. Which one is the ci	tation analysis tool?		
a) 1925	b) 1933	a) Scopus	b) Web of Science		
c) 1931	d) 1935	c) Google Scholar	d)All		
		9			
73. The term Lexicogra	aphy is associated with	84. Library and Inform	nation Science abstract		
a) Compilation of Encyclopedia		is published by?			
b) Compilation of Hand books		a) ProQuest	b) IFLA		
c) Compilation of Dictionaries		c) RELX	d) NONE		
d) None of the above	~	<i>5)</i> 102221	w) 11011L		
=, 1,011 0 01 all 0 above		85 The theory prop	ounded by Abraham		
74 Which code is not u	sed for storing the data?	Maslow is	ounded by Autanam		
a) Source code	b) Barcode	a) Hierarchy of needs	b) Information needs		
a, source code	o, Darcode	a) Theratelly of ficeus	o) information needs		

c) Scientific Theory	d)All	a) Fayol	b) Taylor	
		c) Willson	d) None	
	wing is having a unique			
classification scheme?		97. Perl is used for writing the		
a) Copyright	b) Patent	a) Eprint	b) Koha	
c) Trade Mark	d) None	c) Dspace	d) SOUL	
87. 'Canon of Charact	eristics, is part of	08 Which of the foll	owing is MOOCs plat-	
a) Verbal plane	b) Notational plane	form?	owing is Moocs plat-	
c) Idea plane	d) Structural plane	a) SWAYAM	b) NPTEL	
c) idea piane	d) Structurar plane	c) edX	d)All	
88. ORCID		C) Ed.A	u)Ali	
a) Researcher Profile	b) Database	99. HathiTrust is a		
c) e-journal	d) None	a) Rule Book	b) Repository	
c) c-journal	d) None	c) Website	d) All	
89. Blog is an applicati	ion of	c) website	u)All	
a) Read only	b) Read & Write	100 TIAllen has coi	ned the term	
c) Read, Write, Guide		100. T J Allen has coined the term a) Library Technology		
c) icad, write, Guide	d d) None			
90. World Book Day		b) Technological Gatekeeper		
a) 21 April	b) 22 April	c) Management Information System d) None		
c) 23 April	d) None	d) None		
c) 23 i ipin	d) None	101 Zaro Rosad Rudo	rating gygtam yygg giyan	
91. Metadata is of	types.	101. Zero Based Budgeting system was given by		
a) 2	b) 4	a) Peter Phyor	b) Peter Druker	
c) 6	d) 8	c) Marshall L	d) None	
c) 0	u) o	C) Iviaishan L	u) None	
92. Annals of Library and Information Studies		102. Path Goal Theor	y was given by	
is published by		a) Robert House	b) White House	
a) UGC Info NET	b) NISCAIR	c) New York Times	d) Taylor	
c) IASLIC	d) INFLIBNET	c) itew fork times	d) Taylor	
0) 11 10 21 0		103. Theory of Suicid	e was introduced by	
93. The literary warrant concept was formu-		a) M Delphi	b) Kesser M	
lated by	ni concept was forma	c) L M Termon	d) Emile Durkheim	
a) E W Hulme	b) H E Bliss	c) EW Termon	d) Diffic Darkielli	
c) J D Brwon	d) S R Ranganathan	104 "What you see w	hat you get" is related to	
		a) Processing	b) Saving	
94. Jimmy Wales creat	ted the	c) Printing	d) None	
a) WhatsApp	b) YouTube	6) 1 mm	u) I tolic	
c) GSDL	d) Wikipedia	105. Library on Whee	l term was induced by	
John Frank		a) S R Ranganathan	b) Gopinath	
95. Following which one is complementary to		c) C A Cutter	d) None	
citation-based metrics?		o) cricuitor	a) I tolic	
a) Bibliometrics b) Scientometrics		106. Shannon and Weaver related to		
c)Altmetrics	d) None	a) Psycho-biology of language An introduction		
		to dynamic philosophy		
96. The Fourteen Principles in Management is		b) Information is data of value to decision mak-		
given by		ing		

- c) Mathematical Theory of Information
- d) Bradford's Law of Information
- 107. Which law of the Library Science, as enunciated by Dr. Ranganathan, covered the words children, blind and the crippled, artisans, neo-literates, farmers, factory workers, and many more under the ambience of Public Library Service?
- a) First Law
- b) Second Law
- c) Fourth Law
- d) Fifth Law
- 108. Berne Convention and Universal Copyright Convention was revised in Paris in
- a) 1949
- b) 1952
- c) 1971
- d) 1931
- 109. The First and Oldest University Library was established in British India at
- a) University of Delhi
- b) Calcutta University
- c) Aligarh Muslim University
- d) University of Madras
- 110. George Kingsely Zipf related to
- a) Psycho-biology of language An introduction to dynamic philosophy
- b) Mathematical Theory of Information
- c) Information is data of value to decision making
- d) Bradfords Law of Information
- 111. Reference and information service is most relevant to
- a) Referral Service b) SDI
- c) CAS
- d) Retrospective searching
- 112. Identify the correct sequence of the emergence of the following storage media.
- a) Paper, Micro card, Magnetic tape, Clay tab-
- b) Magnetic tape, Clay tablet, Paper, Micro card.
- c) Clay tablet, Paper, Micro card, Magnetic tape.
- d) Micro card, Magnetic tape, Clay tablet, paper.

- 113. The term Cyberspace was first used by
- a) Andrew Pollock
- b) William Gibson
- c) John Postal
- d) Joe Flower
- 114. Libraries as Gateways to Knowledge is the title of the document of
- a) National Information Policy, 1986
- b) Information Technology Act, 2000
- c) National Knowledge Commission on Libraries, 2007
- d) None of the above
- 115. INSDOC has been merged with NISCOM and is now known as
- a) DELNET
- b) NISCAIR
- c) DESIDOC
- d) NASSDOC
- 116. JSTOR is an online system for archiving and accessing academic journals. It is located in
- a) Germany
- b) UK
- c) USA
- d) Budapest
- 117. Handling of Information in the sense of production is called
- a) Information Marketing
- b) Information Industry
- c) Information Production
- d) Information Revolution
- 118. The invisible web refers to
- a) The internet, since we cannot see it
- b) That part of the internet, which is hidden from the search engines
- c) The telecommunication signals which are not seen
- d) The failure in accessing the web pages
- 119. Who is the propounder of the term information transfer?
- a) Ranganathan
- b) J. Martin
- c) Beesman
- d) Calvin Moores
- 120. Today information is regarded as which of the following?
- a) Wealth
- b) Commodity
- c) Products
- d)All

121. What is the Thesaurus?		a) 5	b) 6	
a) A collection of select	ted terminology	c) 7	d) 8	
b) Synonymous terms				
c) List of words		131. Who is the publishe	ers of Sear's list of sub-	
d)All		ject headings		
		a) Dr. S.R.Ranganathan	b) Brown	
122. Cumulative book	index is published from	c) H. W. Wilson	d) C.A.Cutter	
a) India	b) USA		a) c.r i. catter	
c) Canada	d) Thailand	132. What are the four e	ntity of FRBR model?	
c) canada	a) Thanana			
123. Facts of File is we	eekly digest of	a) Personality, Matter, Energy, Spaceb) Work, Expression, Manifestation, Item		
a) Indian events	b) American events	c) Book, Form, Availab		
c) World events				
c) world events	d) England events	d) Discipline, Entity, Ac	tion, Personality	
	of "Dictionary of anony-	133. TQM is a system of	f continuous improve-	
mous and pseudonymo	ous literature"	ment employing participative management and		
a) S. Halkett & J. Lain	g	centered on needs of th	e	
b) Robert Proctor		a) Customers	b) Staff	
c) Ralph De sols		c) Organization	d) Government	
d) Hanuman Sastri		, 2		
		134. POSDCORB is re	lated to	
125. Compton year bo	ok contains	a) Library administration		
a) Political events	b) Cultural events	b) Library reference ser		
c) Outstanding events		c) Library cataloguing	fer and the second	
7) 3 4	w) Zeemenne events	d) Library automation		
126. Which of the follo	wing is a multi-subject	d) Biolary automation		
gateway?	wing is a mara-subject	135. Study carrels are e	walugiya araag maant	
a) Renardus	b) Humbul	for	Actusive areas illeani	
c) Sapling	d) EdWEb		b) Public	
c) Supining	d) Ed W Eb			
127. What is world of l	arming ?	c) Women	d) Researchers	
a) Directory	_	126 Intallantual Dunau	- D: 14 (IDD)	
		136. Intellectual Proper		
c) Dictionary	d) Year book		mputer Programmes	
100 41 4		iii) Music iv) C	lassroom Lecturer	
128. Abstracting service	ce provides			
a) Abstract of articles		Codes:		
b) Whole bibliographic		a) (i), (ii), (iii) are correct.		
c) Whole bibliographic description along with		b) (ii), (iii), (iv) are correct.		
abstracts of article		c) (i), (ii), (iv) are correct.		
d) Whole bibliographic	esources	d) (i), (iii), (iv) are corre	ct.	
129. Feedback mechan	nism is a part of which	137. UNIMARC was d	eveloped by	
service?			b) IFLA	
a) Reprography service	e b) CAS		d) Library of Congress	
c) Translation service	d) SDI	-,	,, or congress	
,	-,	138. DSpace was devel	oned at	
130. How many Auxil	iary tables are there in	-	*	
DDC 23rd Edition?		a) Katipo Communications Ltd, New Zealandb) University of Waikato, New Zealand.		
		o) Oniversity of walkato, New Zealand.		

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- c) Massachusetts Institute of Technology (MIT) libraries & Hewlett-Packard labs
- d) Wikimedia Foundation
- 139. Which of the following sections of the 'Right to Information Act', 2005 (India) grants exemption from disclosure of information?
- a) Section-5(2)
- b) Section-6
- c) Section-8
- d) Sections-11
- 140. In which of the following the term "Truncation" is used
- a) Budgeting
- b) Search Formulation
- c) Coordination
- d) Classified bibliography
- 141. Who said 'some books are to be tasted, others to be swallowed and some few to be chewed and digested'?
- a) John Milton
- b) William Jones
- c) Francis Bacon
- d) Benjamin Franklin
- 142. Pi is the e-book reading device by
- a) Infibeam
- b) Sony
- c) Amazon
- d) Nokia
- 143. 'Cranfield Studies' are an example of
- a) Survey Research
- b) Experimental Research
- c) Historical Research
- d) Case Study
- 144. The term "Information Science" came into existence in this year:
- a) 1988
- b) 1959
- c) 1961
- d) 1975
- 145. An Invisible college is a typical example of
- a) Informal channels of communication
- b) Formal channels of communication
- c) Both (a) and (b)
- d) None of the above
- 146. Who had given the Minimal, Middling and Maximum theories of reference service?

- a) C. M. Winchell
- b) S. R. Ranganathan
- c) James I Wyer
- d) Samuel Rothstein
- 147. PERT was developed by
- a) The Navy special project office
- b) Booz Allen Hamelton
- c) Both (a) and (b)
- d) None of the above
- 148. The 12 rules for relational database were given by
- a) Larvy Page
- b) Linus Tolward
- c) J. Bill Gates
- d) Edgar. F. Codd
- 149. Million Book Project was initiated by
- a) Pittsburg University
- b) Carnegie Mellon University
- c) MIT, USA
- d) Michigan University
- 150. All part and pages of a volume are correctly sequenced in the first stage of binding process known as?
- a) Sewing
- b) Guard
- c) Pulling
- d) Collation