

The background of the entire page is a blue geometric pattern consisting of overlapping hexagons and triangles in various shades of blue, creating a 3D effect.

QUESTION PAPER

SCHOOL LIBRARIAN 2021

[IndiaExamJunction.com](https://www.IndiaExamJunction.com)



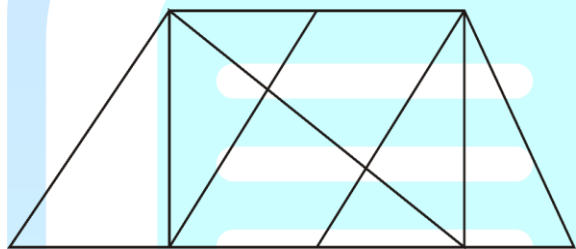
1. A sum was invested at simple interest at a certain interest for 2 years. It would have fetched Rs.60 more had it been invested at 2% higher interest rate. What was sum invested?

- (a) 1500 (b) 1300 (c) 2500 (d) 1000

2. Suresh, Mukesh and Ramesh enter into a partnership with investment in the ratio of $2/5 : 3/8 : 4/12$. After three months, Suresh again invested equal to his earlier investment. If the total profit at the end of the year is Rs. 59150, then what will be the share of Suresh in the profit ?

- (a) 15750 (b) 29400 (c) 16925 (d) 14000

3. How many number of triangles are there in the following figure ?



- (a) 14 (b) 15 (c) 12 (d) 11

4. According to dictionary, arrange the following words in ascending order and choose the one that appears first.

- (a) Scorn (b) Scoreboard (c) Scratch (d) Scream

5. Find the next number in the following series.

9, 18, 54, 216, 1080, ?

- (a) 4324 (b) 6480 (c) 5400 (d) 2162

6. If a doctor gives you 4 pills and tells you to take one pill every half an hour, how long would it take before all the pills had been taken?

- (a) Half an hour (b) One hour (c) One and half hour (d) Two hours

7. Find the odd one in the following series.

7, 26, 63, 123, 215, 342

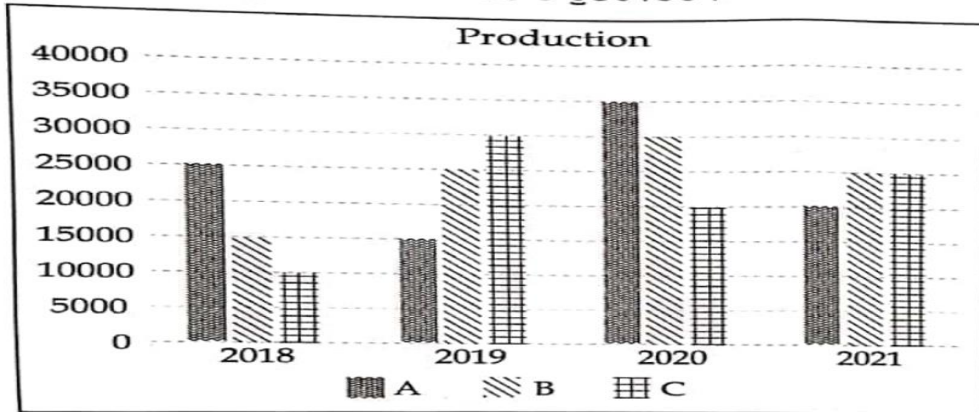
- (a) 63 (b) 123 (c) 342 (d) 26

8. Select the number pair in which the two numbers are related in the same way as the two numbers of the pair given below.

40 : 6

- (a) 85:9 (b) 66:8 (c) 26:5 (d) 120:11

The bar graph given below shows the data of the production of cars by three different companies A, B and C over the years. Answer the Question number 9 and 10.



9. What is the ratio of the average production of Company A in the period 2018-2020 to the average production of Company C in the same period?
(a) 8 : 7 (b) 6 : 4 (c) 5 : 4 (d) 6 : 5
10. The average production for four years was maximum for which
(a) A (b) B (c) Both A and C (d) Both A and B
11. Which area in MS Excel allows you to enter values and formulae?
(a) Title bar (b) Menu bar (c) Formula bar (d) Standard toolbar
12. In which of the following topologies in Computer Network, every host is connected to a Central Hub and the Central Hub acts as a channel to transmit messages?
(a) Mesh (b) Bus (c) Star (d) Ring
13. 'Sukhmani Sahib' bani was composed by fifth Guru of Sikhs at
(a) Kaulsar Sarovar (b) Ramsar Sarovar (c) Santokhsar Sarovar (d) Gurdwara Bibeksar Sahib
14. Fifth Generation Computers are based on
(a) Integrated Circuit (b) VLSI Microprocessor
(c) ULSI Microprocessor (d) Transistors
15. Full form of NDLI is
(a) National Depository Library of India (b) National Digital Library Resources in India
(c) National Digital Library of India (d) National Development of Library in India
16. Which of the following is not a Library Network?
(a) DELNET (b) ADINET (c) CALIBNET (d) LNET
17. The purpose of MARC Management in KOHA is to manage _____
(a) Catalogs (b) Issues (c) Acquisition (d) Assets Management



IndiaExamJunction.com

JOB ALERTS | PREVIOUS YEAR QUESTION PAPERS | TEST SERIES

+91 62398 22773 | Follow us on:     

18. In networking concepts, full form of NIC is

- (a) Network Information Card (b) Network Interface Card
(c) Network Interface Computer (d) Network Information Computer

19. Who was the first President of Indian National Congress (INC) ?

- (a) W.C. Banerjee (b) Dadabhai Naoroji
(c) Jawaharlal Nehru (d) Indira Gandhi

20. In which year Indian Men's Hockey team won its first Olympic Gold Medal ?

- (a) 1928 (b) 1956 (c) 1975 (d) 1982

21. According to Nanakshai Calendar, what is the name of the month starting from August?

- (a) Bhadon (b) Assu (c) Kattak (d) Saavan

22. What is the name of world's first hospital train ?

- (a) Jeevan Rekha Express (b) Life Express
(c) Medicare Express (d) Wheel Jeevan Express

23. Rourkela Steel Plant was set up with the assistance from which one of the follow country?

- (a) Russia (b) USA (c) UK (d) Germany

24. Deepika Kumari is related to which of the following sports ?

- (a) Gymnastics (b) Badminton (c) Lawn Tennis (d) Archery

25. Which of the followings is not the feature of KOHA?

- (a) Catalog (b) Serials
(c) Online Public Access Catalog (d) Operating System Dependent

26. The first five-year plan was based on which of the following model ?

- (a) Harrod Domar Model (b) Mahalanobis Model
(c) Bombay Model (d) Chennai Model

27. The National Institute of Naturopathy (NIN) is located in the city of

- (a) Pune (b) Chandigarh (c) Delhi (d) Mumbai

28. Which of the following is considered as the Unsolicited Commercial Email?

- (a) Virus (b) Malware (c) Spam (d) Inbox

29. A physical location where people may obtain Internet access, typically using Wi-Fi technology, through a Wireless Local Area Network (WLAN), is called

- (a) Server room (b) Data Centre (c) Hotspot (d) Campus Network

30. How many princely states unitedly formed Patiala and East Punjab States Union ?

- (a) 10 (b) 8 (c) 7 (d) 6





31. What is the purpose of "Ctrl + Right Arrow" in MS Word?

- (a) To move the cursor at the end of the line
- (b) To move the cursor at the end of the document
- (c) To move the cursor one Paragraph down
- (d) To move the cursor one word right

32. _____ is known as the father of Indian Railways.

- (a) Lord Watson
- (b) Olive Cliff
- (c) Dalhousie Hafton
- (d) Lord Dalhousie

33. Which of the following states started a Service Initiative Scheme, 'Mo Sarkar'?

- (a) Odisha
- (b) West Bengal
- (c) Bihar
- (d) Punjab

34. What does COUNTA() function do?

- (a) Counts cells having alphabets
- (b) Counts empty cells
- (c) Counts cells having number
- (d) Counts non-empty cells

35. How many Rajya Sabha seats are there in Punjab?

- (a) 10
- (b) 13
- (c) 7
- (d) 20

36. The Rolling Plan Theory was introduced by which of the following Prime Ministers?

- (a) Jawaharlal Nehru
- (b) Rajiv Gandhi
- (c) Morarji Desai
- (d) Narendra Modi

37. Which of the following is not used as secondary storage?

- (a) Magnetic Tapes
- (b) Compact Disk
- (c) Semiconductor Memory
- (d) Hard Disk

38. _____ allows you to send copies of your email to multiple contacts without revealing the email address to other recipients.

- (a) To
- (b) CC
- (c) BCC
- (d) CC and BCC

39. What is the full form of file extension, PNG?

- (a) Portable Natural Graphics
- (b) Portable Network Graph
- (c) Portable Natural Graph
- (d) Portable Network Graphics

40. What was the name of wife of Guru Angad Sahib ji ?

- (a) Mata Khivi
- (b) Bibi Nanki
- (c) Mata Kheeme
- (d) Mata Shivi

41. Change the following sentence into passive voice.

Shakespeare wrote Hamlet.

- (a) Hamlet was being written by Shakespeare
- (b) Hamlet was written by Shakespeare
- (c) Hamlet is written by Shakespeare
- (d) Shakespeare had written Hamlet





42. Complete the following sentence.

They continued to work hard _____

(a) Even though it rained heavily

(b) Even though there is heavy rain

(c) Through heavy rain

(d) Although heavily rain

43. Write the exact words from options given in the following paragraph.

Every _____ (generation/generations) has its own characteristics, group's language, technological influences, workplace attitudes, way of life, etc. A generation gap _____ (consist/consists) of these differences between the _____ (member/members) of two different generations.

(a) generation, consists, members

(b) generations, consist, members

(c) generations, consists, members

(d) generation, consists, member

44. Choose the appropriate word for following sentence.

One who is not sure about God's existence.

(a) Agnostic

(b) Ascetic

(c) Bohemian

(d) Arbitrator

45. Choose the correct sentence from the following.

(a) Here is an old story where may entertain you.

(b) Here is a old story which may entertain yourself.

(c) Here is an old story which might entertained yourself.

(d) Here is an old story which may entertain you.

46. What will be suitable preposition in the following sentence?

Where have you been ? I have been waiting for you _____ thirty minutes.

(a) For

(b) Since

(c) In

(d) Until

47. Give antonym of the word Peculiar.

(a) Odd

(b) Normal

(c) Unusual

(d) Strange

48. Which of the following is not an example of demonstrative adjective?

(a) This

(b) That

(c) Those

(d) Whose

49. Rewrite the following sentence in Indirect speech.

"Is anyone there?" He asked.

(a) He asked if I was there

(b) He put a question to ask if anyone is present

(c) He enquired who was present

(d) He enquired if anyone was there

50. What is one word substitution of the following statement?

Life history written by someone else

(a) Honorary

(b) Autobiography

(c) Biography

(d) Physiology

51. 'ਸੱਖਣਾ ਦਾ ਸਮਾਨਾਰਥਕ _____ ਹੈ।

(a) ਖੇਖਲਾ

(b) ਸੱਜਣ

(c) ਭਰਿਆ

(d) ਸਜੱਗ





IndiaExamJunction.com

JOB ALERTS | PREVIOUS YEAR QUESTION PAPERS | TEST SERIES



+91 62398 22773 | Follow us on:



52. ਵਿਸਮਿਕ ਕਿੰਨੇ ਪ੍ਰਕਾਰ ਦੇ ਹੁੰਦੇ ਹਨ?

- (a) ਤਿੰਨ (b) ਪੰਜ (c) ਸੱਤ (d) ਨੌ

53. "ਮੋਰ ਪੈਲਾਂ ਪਾ ਰਿਹਾ ਹੈ" ਇਸ ਵਾਕ ਵਿੱਚ 'ਮੋਰ' ਸ਼ਬਦ ਦਾ ਲਿੰਗ ਬਦਲ ਕੇ ਕਿਰਿਆ ਦਾ ਕੀ ਰੂਪ ਹੋਵੇਗਾ?

- (a) ਪਾ ਰਹੀ ਹੈ (b) ਰਹੇ ਹਨ (c) ਰਹੇ ਸਨ (d) ਰਹੇ ਹੋਣਗੇ

54. ਪੰਜਾਬੀ ਵਿੱਚ ਸ਼ਬਦਾਂ ਅਤੇ ਵਾਕਾਂ ਦੇ ਅਰਥਾਂ ਦੇ ਅਧਿਐਨ ਨੂੰ ਕੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ?

- (a) ਅਰਥ-ਬੋਧ (b) ਧੁਨੀ-ਬੋਧ (c) ਸ਼ਬਦ-ਬੋਧ (d) ਭਾਵ-ਬੋਧ

55. ਹੇਠ ਲਿਖੇ ਵਾਕ ਦਾ ਕਰਮਣੀ-ਵਾਚਕ ਚੁਣੋ।

ਅਸੀਂ ਫੁਟਬਾਲ ਖੇਡਾਂਗੇ।

- (a) ਸਾਥੋਂ ਫੁਟਬਾਲ ਖੇਡਿਆ ਗਿਆ। (b) ਅਸੀਂ ਫੁਟਬਾਲ ਖੇਡਿਆ।
(c) ਫੁਟਬਾਲ ਸਾਡੇ ਦੁਆਰਾ ਖੇਡਿਆ ਜਾਵੇਗਾ। (d) ਫੁਟਬਾਲ ਅਸੀਂ ਖੇਡਾਂਗੇ।

56. ਆਮ/ਜਾਤੀ-ਵਾਚਕ ਨਾਂਵ ਸ਼ਬਦ ਚੁਣੋ।

- (a) ਗ਼ਮੀ (b) ਖੁਸ਼ੀ (c) ਹਾਸਾ (d) ਕੁਰਸੀ

57. "ਮੈਨੂੰ ਥੋੜ੍ਹਾ ਜਿਹਾ ਦੁੱਧ ਚਾਹੀਦਾ ਹੈ" ਵਾਕ ਵਿੱਚ 'ਥੋੜ੍ਹਾ ਜਿਹਾ' ਕਿਹੜਾ ਵਿਸ਼ੇਸ਼ਣ ਹੈ?

- (a) ਨਿਸ਼ਚੇ-ਵਾਚਕ ਵਿਸ਼ੇਸ਼ਣ (b) ਪਰਿਮਾਣ-ਵਾਚਕ ਵਿਸ਼ੇਸ਼ਣ
(c) ਪ੍ਰਣਾਵੀ ਵਿਸ਼ੇਸ਼ਣ (d) ਗਿਣਤੀ-ਵਾਚਕ ਵਿਸ਼ੇਸ਼ਣ

58. ਗੁਰਮੁਖੀ ਲਿਪੀ ਨੂੰ _____ ਅੱਖਰੀ ਕਹਿੰਦੇ ਹਨ।

- (a) ਪੈਂਤੀ ਅੱਖਰੀ (b) ਚੌਤੀ ਅੱਖਰੀ (c) ਬੱਤੀ ਅੱਖਰੀ (d) ਛੱਤੀ ਅੱਖਰੀ

59. ਨਿਰਧਨ ਸ਼ਬਦ ਵਿੱਚ ਅਗੇਤਰ ਕਿਹੜਾ ਹੈ?

- (a) ਧਨ (b) ਨਿ (c) ਨਿਰ (d) ਨ

60. 'ਉੱਲੂ' ਸ਼ਬਦ ਦਾ ਇਸਤਰੀ-ਲਿੰਗ ਚੁਣੋ।

- (a) ਉਲਣ (b) ਉੱਲੀ (c) ਬਤੌਰੀ (d) ਉੱਲੂ

61. "Principles of Maximum Aggregate Benefit" is concerned with which of the following purposes ?

- (a) Growth of library (b) Library use (c) Library service (d) Library fees





IndiaExamJunction.com

JOB ALERTS | PREVIOUS YEAR QUESTION PAPERS | TEST SERIES



+91 62398 22773 | Follow us on:



62. S. R. Ranganathan was working as librarian in _____
(a) British Library (b) IIT
(c) The University of Madras Library (d) CLRI
63. The latest version of SOUL released in February 2021 is _____
(a) SOUL 1.0 (b) SOUL 2.0 (c) SOUL 3.0 (d) SOUL 4.0
64. The notational system of Colon Classification (CC) is a _____
(a) Pure Notation (b) Mixed Notation
(c) Complex Notation (d) Compound Notation
65. Which of the following Shelving Systems is used to stock a large collection of rarely used documents ?
(a) Double rows on fixed shelves (b) Hinged stacks shelving
(c) Compact shelving (d) Conventional shelving
66. Which of the following describes the term Lexicography ?
(a) Compilation of Encyclopaedia (b) Compilation of Dictionaries
(c) Compilation of Hand Books (d) Compilation of Websites
67. Resource sharing is a part of _____
(a) Library Cooperation (b) Library Orientation
(c) Library Management (d) Library Cataloguing
68. Which is a primary source of Information in Library Science ?
(a) Bibliography (b) Dictionary (c) Directory (d) Patent
69. The Headquarters of ALA is located in _____
(a) Chicago (b) Paris (c) London (d) Hague
70. "INFED Service" provided by INFLIBNET is related to
(a) Off campus access to e-resources
(b) DDS from 26 INFLIBNET DDS centre
(c) Union Catalogue of books, thesis and serials
(d) Usage statistics portal for e-resources counter and SHUSHI Compliant
71. In which year Karnataka Public Library Act was enacted ?
(a) 1960 (b) 1963 (c) 1965 (d) 1967
72. Which one of the following is the new standard for bibliographic description ?
(a) Resource Detail and Access (b) Resource Description and Access
(c) Resource Duplication and Access (d) Resource Duplicacy and Access





IndiaExamJunction.com

JOB ALERTS | PREVIOUS YEAR QUESTION PAPERS | TEST SERIES

+91 62398 22773 | Follow us on:     

73. Which of the following is the publication of IASLIC ?

- (a) Indian Library Directory
- (b) Indian Library Science Abstracts
- (c) Annals of Library Science and Documentation
- (d) National Index of Translations

74. 'Libraries as Gateway to Knowledge' is the title of which of the following documents ?

- (a) National Information Policy, 1986
- (b) Information Technology Act, 2000
- (c) National Knowledge Commission on Libraries, 2007
- (d) National Information Policy, 2000

75. Which software is developed by the INFLIBNET?

- (a) LIBSYS
- (b) SOUL
- (c) KOHA
- (d) Slim-21

76. A variant to the Second Law of Library Science is _____

- (a) Open Access System
- (b) Closed Access System
- (c) Books for All
- (d) Books for Special Users

77. Who proposed SDI service in 1961 ?

- (a) Ganesh Bhattacharya
- (b) S.R. Ranganathan
- (c) Melvil Dewey
- (d) Hans Peter Luhn

78. In which year, Government of India passed Delivery of Books (Public Libraries) Act ?

- (a) 1952
- (b) 1954
- (c) 1956
- (d) 1958

79. How many digits are there in ISSN ?

- (a) 10
- (b) 8
- (c) 13
- (d) 15

80. Entry that goes into a catalogue for parts or chapters of a document is referred as

- (a) Main entry
- (b) Analytical entry
- (c) Book index entry
- (d) Class index entry

81. RDA stands for _____

- (a) Resource Description Agency
- (b) Resource Description and Access
- (c) Reference Description Agency
- (d) Reference Description and Access

82. Which of the following organizations applied Library and Information Policy in India at National Level ?

- (a) RRRLF
- (b) UNESCO
- (c) INSDOC
- (d) NASSDOC

83. Which is the best source to know about the climate of Himachal Pradesh?

- (a) India: A Reference Annual
- (b) Gazetteer
- (c) Asian Recorder
- (d) Oxford Atlas of World





84. Which one of the following systems is used to allot book numbers ?

- (a) Cutter Author Table (b) Merrills Author Table
(c) Ranganathan Book Number System (d) All the above

85. Who is called Father of INB ?

- (a) B. S. Kesavan (b) J. P. Eckert (c) Calvin Mooers (d) S.R. Ranganathan

86. The libraries associated with educational institutions are known as _____

- (a) Public libraries (b) Academic Libraries (c) Special libraries (d) National libraries

87. Which of the following is the first free and open-source software for library automation?

- (a) KOHA (b) NEW GEN LIB (c) SOUL (d) LIBSYS

88. Speed and Accuracy is imposed by _____ Law of Library Science.

- (a) First (b) Second (c) Third (d) Fourth

89. DESIDOC was previously known as _____

- (a) FID (b) SIB (c) DRDO (d) SBI

90. The documents, which become valueless after a short period of time, are called _____

- (a) Ephemeral material (b) Grey material
(c) Reference material (d) Book-bank material

91. Which of the following services is designated to identify the most suitable document to a specific user ?

- (a) Document Delivery Service (b) Selective Dissemination of Information
(c) Mobile Services (d) Internet Service

92. Three card system does not include _____

- (a) Check Card (b) Bottom Card
(c) Register Card (d) Classified Index Card

93. The Headquarter of IASLIC is situated at _____

- (a) New Delhi (b) Mumbai (c) Kolkata (d) Chennai

94. What is U in APUPA pattern ?

- (a) Umbrella (b) Umbral (c) Unbound (d) United

95. _____ are the means of procuring documents.

- (a) Institutional membership (b) Exchange
(c) Purchase (d) All of the above

96. How many entities group does FRBR describe ?

- (a) 3 (b) 4 (c) 5 (d) 6





97. In circulation, discharging is known as _____.
(a) Issue of book (b) Loss of book (c) Return of book (d) Reservation of book
98. The term "User Profile" contains _____.
(a) List of users (b) Citations of users
(c) Information of users (d) Research papers of users
99. Government of India set up Education Commission (1964-66) under Chairmanship of _____.
(a) D.S. Kothari (b) S.D. Kothari (c) S.R. Ranganathan (d) A. Neelamegha
100. Phoenix schedule is a part of _____.
(a) UDC (b) CC (c) DDC (d) LCC
101. How many number of volumes of Encyclopaedia Britannica are there ?
(a) 27 (b) 28 (c) 29 (d) 32
102. How many Auxiliary Tables are there in 23rd edition of DDC ?
(a) 6 (b) 16 (c) 26 (d) 8
103. Which of the following RFID components is attached to the document for identification?
(a) Bar code (b) Tag (c) Reader (d) Antenna
104. "The International Who's Who" is an example of _____.
(a) Biographical Sources (b) Bibliographical Sources
(c) Gazetteers (d) Journals
105. Browne Charge System came from which of the following countries?
(a) UK (b) USA (c) France (d) Canada
106. Which of the followings is not a collection of primary school libraries?
(a) Folk-tales (b) Arabian nights
(c) Panchatantra Stories (d) Legal books
107. Who created NUCSSI?
(a) NISCAIR (b) NASSDOC (c) DESIDOC (d) INFLIBNET
108. Find the odd one out from the followings.
(a) Glossary (b) Lexicon (c) Thesaurus (d) Patent and standard
109. Indian Library Association was founded in the year _____.
(a) 1930 (b) 1931 (c) 1932 (d) 1933





110. A counter in a library, where visitors can deposit those belongings that are not allowed into the library, is known as _____

- (a) Circulation counter (b) Reference counter (c) Referral counter (d) Property counter

111. The geographic identifier in the ISBN is _____ block.

- (a) First (b) Second (c) Third (d) Fourth

112. Who recommended to setup INFLIBNET ?

- (a) Prof. Yash Pal Committee (b) Prof. B.K. Shukla Committee
(c) Prof. S.K. Yadav Committee (d) Prof. Suresh Saini Committee First

113. A link in which user is not likely to approach the document is called

- (a) Sought Link (SL) (b) Un-sought Link (UL) (c) Missing Link (ML) (d) False Link (FL)

114. Which of the following is the oldest and largest Library Association of the world ?

- (a) ILA (b) ALA (c) ASLIB (d) IFLA

115. The full form of UAP is

- (a) United Academy of Publication (b) Universal Availability of Publications
(c) Universal Association of Publication (d) Universal Association of Publisher

116. What is full form of UNESCO ?

- (a) United Nations Educational, Scientific and Cultural Organization
(b) United Nations Educational, Scientific and Culture Organization
(c) United Nation Education, Scientific and Cultural Organization
(d) United Nation Education, Scientific and Culture Organization

117. The provision of phase relations in DDC was made available from which of the following edition?

- (a) 14 (b) 2 (c) 9 (d) 11

118. According to AACR-2, the book illustration in physical description is preceded by _____

- (a) Comma (b) Semicolon (c) Full Stop (d) Colon

119. Which is National Bibliographic Agency of India ?

- (a) National Library Kolkata (b) National Library Delhi
(c) National Library Madras (d) National Library Mumbai

120. Which of the following is not a kind of bibliography ?

- (a) Trade Bibliography (b) Private Bibliography
(c) Statistical Bibliography (d) Universal Bibliography





IndiaExamJunction.com

JOB ALERTS | PREVIOUS YEAR QUESTION PAPERS | TEST SERIES

+91 62398 22773 | Follow us on: [f](#) [wa](#) [tg](#) [yt](#) [ig](#)

ANSWER KEYS

Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1.	A	25.	D	49.	D	73.	B	97.	C
2.	B	26.	A	50.	C	74.	C	98.	C
3.	A	27.	A	51.	A	75.	B	99.	A
4.	B	28.	C	52.	D	76.	C	100.	C
5.	B	29.	C	53.	A	77.	D	101.	D
6.	C	30.	B	54.	A	78.	B	102.	A
7.	B	31.	D	55.	C	79.	B	103.	B
8.	A	32.	D	56.	D	80.	B	104.	A
9.	C	33.	A	57.	B	81.	B	105.	B
10.	D	34.	D	58.	A	82.	A	106.	D
11.	C	35.	C	59.	C	83.	B	107.	A
12.	C	36.	C	60.	C	84.	D	108.	D
13.	B	37.	C	61.	C	85.	A	109.	D
14.	C	38.	C	62.	C	86.	B	110.	D
15.	C	39.	D	63.	C	87.	A	111.	B
16.	D	40.	A	64.	B	88.	D	112.	A
17.	A	41.	B	65.	C	89.	B	113.	B
18.	B	42.	A	66.	B	90.	A	114.	B
19.	A	43.	A	67.	A	91.	B	115.	B
20.	A	44.	A	68.	D	92.	B	116.	A
21.	A	45.	D	69.	A	93.	C	117.	*
22.	A	46.	A	70.	A	94.	B	118.	D
23.	D	47.	B	71.	C	95.	D	119.	A
24.	D	48.	D	72.	B	96.	A	120.	B

