

Do not open this Booklet until you are asked to do so

**2014
Test Booklet**

LQB 1

**Time allowed : 2½ hours
Full marks : 200
Questions are of equal Mark**

**BOOKLET
GROUP**

A

Serial No.....

Roll No.

Full Signature of the Candidate :

INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions :

1. This booklet consists of 16 pages including this front page. Verify the page Nos. and Group on each page and bring at once to the Invigilator's notice, discrepancy, if any.
2. **Answer will have to be given in the Answer-Sheet supplied for the purpose.**
3. You should write your Roll No. & Full Signature on this page (where directed) and Full name, Roll No., Centre of Examination, Booklet Group & Full Signature with date (where indicated) on the Answer-Sheet in BLACK Ball Point Pen.
4. All questions are of multiple-choice answer type. You will find your probable answers (A), (B), (C) & (D) against each question. Find out which of the four answers appears to you to be correct. **NOW DARKEN COMPLETELY WITH BLACK BALL POINT PEN WITHIN THE OVAL BELOW THE LETTER OF THE SELECTED ANSWER IN THE ANSWER-SHEET AS SHOWN HEREUNDER :**

Example— Question : Kolkata is the capital city of—

(A) Bihar (B) Assam (C) Orissa (D) West Bengal

Answer : (A) (B) (C) (D)

5. i) **If more than one oval is darkened for a particular answer it will be treated as an incorrect/wrong answer.**
ii) **Any sign other than complete darken inside the oval will be treated as incorrect/wrong answer.**
6. **There are 100 questions carrying 2 (TWO) marks each.**
7. **THERE WILL BE NEGATIVE MARKING. 1 (ONE) MARK WILL BE DEDUCTED FOR EACH WRONG / INCORRECT ANSWER.**
8. There are extra blank pages at the end of this booklet for rough work. The sheet should not be torn out from the Test Booklet.
9. **Candidates are not allowed to use Calculator, Pager and Mobile Phone or any other type of electronic gadget of communication in the Examination Hall.**
10. **The Entire Set (Answer-Sheet & Test Booklet including used/unused extra pages) should be handed over to the Invigilator before leaving the Examination Hall.**
11. **You are warned against adoption of any unfair means at the examination. Any report in this behalf from Centre Supervisors or Examiners may lead to instant cancellation of your examination and debarment from appearing in future examinations/selections.**

(Contd. to page - 2)

Do Not Write Anything On This Page

1. **The Indian Museum is situated in-**
(A) New Delhi
(B) Mumbai
(C) Kolkata
(D) Chennai
2. **The first President of Indian National Congress is-**
(A) S.N. Baanerjee
(B) W.C. Banerjee
(C) Motilal Nehru
(D) Mahatma Gandhi
3. **The first atom bomb was dropped in Hirosima on-**
(A) 10 July 1944
(B) 9 May 1946
(C) 6 August 1945
(D) 9 August 1944
4. **Which road in India is called NH2?**
(A) Barrackpore Trunk Road
(B) Bombay Road
(C) Delhi Road
(D) Grand Trunk Road
5. **First Five year Plan of India begins in the year-**
(A) 1955
(B) 1962
(C) 1951
(D) 1949
6. **Who is called the 'prophet of New India'?**
(A) Mahatma Gandhi
(B) Derozio
(C) SN Banerjee
(D) Rammohan Roy
7. **Liberation of Indian Economy started from-**
(A) 1991
(B) 1985
(C) 1995
(D) 1980
8. **Alexander stayed in India for-**
(A) 16 months
(B) 18 months
(C) 19 months
(D) 17 months
9. **Barakar is the major tributary of-**
(A) Mahanadi
(B) Ganga
(C) Damodar
(D) Ajay
10. **Balurghat is the headquarter of-**
(A) Uttar Dinajpur
(B) Malda
(C) Dakshin Dinajpur
(D) Birbhum
11. **Shivaji was succeeded by-**
(A) Shivaji II
(B) Raja Ram
(C) Tara Bai
(D) Shambhuji

12. **Tripitakas are sacred book of-**
(A) Buddhists
(B) Hindus
(C) Jains
(D) None of the above
13. **The treaty of Srirangapatna was signed between Tipu Sultan and...**
(A) Robert Clieve
(B) Cornwallis
(C) Dalhousic
(D) Warren Hastings
14. **Todarmal was associated with-**
(A) Music
(B) Literature
(C) Land Revenue Reforms
(D) Law
15. **The 'Maratha' was published by-**
(A) B.G. Tilak
(B) M.G. Ranade
(C) Savarkar
(D) Deshmukh
16. **When was the Lucknow Pact signed?**
(A) 1916
(B) 1914
(C) 1908
(D) 1920
17. **Life Divine has been written by-**
(A) Sister Nivedita
(B) Swami Vivekananda
(C) Aurobindo Ghosh
(D) Mahatma Gandhi
18. **When the Parliament of Religious was organised at Chicago?**
(A) 1893
(B) 1896
(C) 1889
(D) 1897
19. **Two of the great mughals wrote their own memoirs. They are —**
(A) Babar and Humayun
(B) Humayun and Jhangir
(C) Babar and Jhangir
(D) Jhangir and Shahjahan
20. **Who can declare emergency in India?**
(A) Prime Minister of India
(B) Chief of Army Staff
(C) Speaker of the Lok Sabha
(D) President of India
21. **The term "Khalsa" in mughal administration signifies —**
(A) Entire Imperial establishment
(B) Land owned by Emperor himself
(C) Religious Land Grants
(D) Land from where Revenue was collected for the Imperial Treasury

22. **The system of Dual Government during the later half of the 18th century AD is associated with name of –**
(A) Clive
(B) Cornwallis
(C) Willam Bentick
(D) Warren Hastings
23. **Chairman of Indian Planning Commission is–**
(A) President
(B) Prime Minister
(C) Vice President
(D) Finance Minister
24. **The city in West Bengal called the gate-way of N E India is–**
(A) Jalpaiguri
(B) Coochbehar
(C) Siliguri
(D) Alipurduar
25. **Oldest oilfield of India is–**
(A) Moran
(B) Bombay High
(C) Digboi
(D) Ankleswar
26. **Pravasi Bharatiya Divas Conference was held in 2006 at–**
(A) Kolkata
(B) Patna
(C) Delhi
(D) Hyderabad
27. **The first battle of Panipath took place in–**
(A) 1500 AD
(B) 1510 AD
(C) 1520 AD
(D) 1526 AD
28. **‘Babarnama’ was written by–**
(A) Abul Fazal
(B) Firdousi
(C) Mujtaba Ali
(D) Babar
29. **The oldest coalfield of Damodar Valley region is–**
(A) Talcher
(B) Bokaro
(C) Raniganj
(D) Birsampur
30. **Aang San Sun Kyi is political figure of–**
(A) Taiwan
(B) Hong Kong
(C) Myanmar
(D) South Korea
31. **Recently two persons, famous in their fields have been given ‘Bharat Ratna’, one is a sportsman, the other is a –**
(A) Novelist
(B) Dramatist
(C) Physician
(D) Scientist

32. **Pulakesin -II was the famous ruler of –**
(A) Chalukyas
(B) Cholas
(C) Pallavas
(D) Satavahanas
33. **Recently West Bengal Legislative Assembly House observed its completion of–**
(A) 50 yrs
(B) 60 yrs
(C) 70 yrs
(D) 75 yrs
34. **The present Director of Indian Museum is –**
(A) Shri J. Sarkar
(B) Shri P. Benugopal
(C) Shri B. Basu
(D) Shri K. Dasgupta
35. **The present Foreign Secretary of India is –**
(A) Rajan Mathai
(B) Sujatha Singh
(C) Salman Khurshid
(D) Raj Kumar Singh
36. **Who is the present Vice-President of United States of America?**
(A) Hillary Clinton
(B) John McCain
(C) Joe Biden
(D) John Kerry
37. **Recently a player of Indian Cricket Team has set a world record — 18th century in 119 innings, he is–**
(A) M. Dhoni
(B) G. Gambhir
(C) R. Saha
(D) V. Kohli
38. **In recent excavation two Buddhist Monasteries have been found in–**
(A) Pandua
(B) Balurghat
(C) Mogalmari
(D) Burdwan
39. **The Deputy Commissioner of Election Commission of India is–**
(A) Shri Despande
(B) Shri Zutshi
(C) Shri Yadav
(D) Shri Gupta
40. **Who is the Chief Information Commissioner of India?**
(A) Deekak Sandhu
(B) V. S. Sampatch
(C) Sushma Singh
(D) R. K. Singh
41. **The Prime Minister of Thailand is–**
(A) Taksin Shinabatra
(B) Sutep Tangsuban
(C) Yingluck Shinawatra
(D) Augusta Westland

42. Recently an important officer has been suspended for misusing public money. He was District Magistrate of—
(A) Jalpaiguri
(B) Maldah
(C) Murshidabad
(D) Coochbihar
43. This year Ankita Das has become National Table Tennis Champion. She has defeated—
(A) Mouma Das
(B) Dipika Roy
(C) Kritika Sinha Roy
(D) Rupa De
44. The present President of Bangladesh is—
(A) Monsur Ali
(B) Janab Sarowardi
(C) Asgar Ali
(D) Abdul Hamid
45. As the President of India Shri Pranab Mukhopadhyay landed on Port Blair on—
(A) 10 January 2014
(B) 14 January 2014
(C) 30 December 2013
(D) 12 January 2014
46. What Galileo invented ?
(A) Barometer
(B) Pendulum Clock
(C) Microscope
(D) Telescope
47. The Chairman of ISRO is—
(A) Prof Bikash Sinha
(B) N. Rajan
(C) Dr. Rao
(D) K. Radhakrishnan
48. Who is the Chief Justice of India ?
(A) K. G. Balakrishnan
(B) P. Sathasivam
(C) S. S. Nijjar
(D) B. S. Chauhan
49. The present Attorney General of India is—
(A) A.P. Yadav
(B) G. E. Vahanvati
(C) Ram Jethmalani
(D) Arur Jethli
50. The recently released film “Kai Po Che” is based on novel—
(A) Lashkar
(B) The Loving Doll
(C) The Story of my marriage
(D) The 3 Mistakes of my Life

51. A new administrative complex has been built in North Bengal, which is at—
(A) Hakimpara, Jalpaiguri
(B) Babupara, Siliguri
(C) Maldah Town
(D) Matigara, near Siliguri
52. Directive Principal of State Policy was adopted from—
(A) British Constitution
(B) Swiss Constitution
(C) U.S. Constitution
(D) Irish Constitution
53. Which is not an All India Service—
(A) Indian Administrative Service
(B) Indian Police Service
(C) Indian Foreign Service
(D) Indian Forest Service
54. The well-known Cricketer Shri Saurabh Ganguli has received D.Litt (Honoris Causa) from—
(A) C.U.
(B) J.U.
(C) Presidency Univ.
(D) BESU
55. Before the last Durga Puja Bengali Literature has lost a very popular writer, he is—
(A) Sakti Chattopadhyay
(B) Sunil Gangopadhyay
(C) Amitabha Dasgupta
(D) Bimal Mitra
56. Heat transfer Horizontally within the atmosphere is called—
(A) Conduction
(B) Convection
(C) Absorption
(D) Radiation
57. Which is the largest gland in the human body—
(A) Kidney
(B) Pancreas
(C) Liver
(D) Heart
58. The value of acceleration due to gravity at higher altitudes—
(A) Increases
(B) Decreases
(C) Remains constant
(D) Becomes $\frac{1}{4}$ th
59. Nuclear Sizes are expressed in unit named—
(A) Fermi
(B) angstrom
(C) newton
(D) tesla
60. The metal ion responsible for electron transportation in photosynthesis is—
(A) Sodium
(B) Potassium
(C) Cobalt
(D) Iron

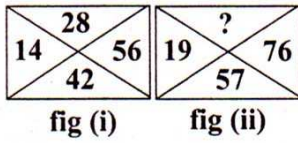
61. **Electrical energy is converted into mechanical energy by a-**
(A) Thermostat
(B) Motor
(C) Dynamo
(D) Rectifier
62. **The reaction that occurs in nuclear reactors is-**
(A) Nuclearfusion
(B) Spallation
(C) Nuclear fission
(D) Nuclear isomerisation
63. **How much percent of human body is water by weight?**
(A) 66
(B) 50
(C) 83
(D) 10
64. **Vitamin C is-**
(A) Tocopherol
(B) Cyanocobaltamine
(C) Ascorbic acid
(D) Thaimine
65. **The genetic make-up of a normal human male consists of-**
(A) XY Chromosomes
(B) XO Chromosomes
(C) XX Chromosomes
(D) XXO Chromosomes
66. **Which of the following substances can act as only reducing agent?**
(A) H_2O_2
(B) MNO_2
(C) $K_2Cr_2O_7$
(D) H_2S
67. **In an alloy of brass Cu percentage is between-**
(A) 40-50
(B) 60-70
(C) 50-55
(D) 40-45
68. **The metalurgical process in which a metal is obtained in fused state is called—**
(A) collied
(B) smelting
(C) calcination
(D) forth floatation
69. **The amount of oxygen obtained by heating 12.25g of Potassium Chlorate is-**
(A) 4.2 g
(B) 4 g
(C) 4.3 g
(D) 4.8 g

70. Rectified spirit contains—
(A) 4.9% water
(B) 4.4% water
(C) 4.1% water
(D) 4% water
71. The next term of the series 30, 42, 56, 72... is—
(A) 84
(B) 88
(C) 90
(D) 92
72. P, Q, R, S are four positive numbers satisfying the condition $P+Q>R+S$, $Q>S$, $P+R=Q$, $P+S=Q+R$. Then the least and greatest numbers are—
(A) P, Q,
(B) R, Q,
(C) P, S,
(D) S, P,
73. If the radius of a circle is increased by 100% then the area of the circle will be increased by—
(A) 100%
(B) 200%
(C) 300%
(D) 400%
74. The number, divisible by 7, which when divided by 4, 9 or 12 leaves a remainder 3. The number is—
(A) 77
(B) 98
(C) 147
(D) 210
75. What will be the angle between the two hands of a clock at 9-30 hrs?
(A) 70°
(B) 80°
(C) 90°
(D) 105°
76. Which number in the following sequence is incorrect?
1, 4, 13, 40, 122, 364...
(A) 13
(B) 40
(C) 122
(D) 364
77. A and B together can do a work in 6 days. A alone can do it in 10 days. How many days B will take to do it alone?
(A) 15 days
(B) 16 days
(C) 14 days
(D) 13 days
78. Movement of cell against concentration gradient is called—
(A) Osmosis
(B) Active Transport
(C) Diffusion
(D) Passive Transport
79. Other than spreading malaria Anopheles Mosquitoes are also vectors of —
(A) dengue fever
(B) filariasis
(C) encephalitis
(D) yellow fever

80. If A's income is 25% more than B's, how much percent B's income is less than A's?
(A) 25%
(B) 24%
(C) 20%
(D) 15%
81. Find the number to be placed in the blank 3, 4, 8, 17, 33, —
(A) 47
(B) 58
(C) 69
(D) 80
82. The simple interest on Rs.1200/- for 3 years 9 months at 5% p.a. will be—
(A) Rs.225
(B) Rs.220
(C) Rs.230
(D) Rs.250
83. Find the number to be placed in the blank 2, 3, 11, 38, 102, —
(A) 197
(B) 217
(C) 227
(D) None of the above
84. The famous Dilwara Temple is situated in —
(A) UP
(B) Rajasthan
(C) Maharashtra
(D) Madhya Pradesh
85. The Head Quarter of ONGC is located at—
(A) Dehradun
(B) Chennai
(C) Digboi
(D) Mumbai
86. The power to prorogue the Lok Sabha rests with —
(A) Speaker of the Lok Sabha
(B) The President of India
(C) The Prime Minister
(D) Minister of Parliamentary affairs
87. Who wrote the National Song of India —
(A) Aurobindo Ghosh
(B) Rabindra Nath Tagore
(C) Sarat Chandra Chattopadhyay
(D) Bankim Chandra Chattopadhyay
88. The minimum age required to become a member of Rajya Sabha is —
(A) 21 years
(B) 25 years
(C) 30 years
(D) 35 years

89. The oldest mountains in India are—
(A) Aravalis
(B) Vindhya
(C) Satpuras
(D) Nilgiri Hills
90. If $x + \frac{1}{x} = 2$, then $x^4 + \frac{1}{x^4} = ?$
(A) 2
(B) 0
(C) -2
(D) 1
91. The largest district in India is (area wise) —
(A) Leh
(B) Bardhaman
(C) Jodhpur
(D) Kutchh
92. The number to be placed in the blank
1, 8, 27, ... 125 is
(A) 26
(B) 62
(C) 58
(D) 64
93. Given 3, 7, 15, 31, ... 127; the number in the blank to put is—
(A) 57
(B) 63
(C) 83
(D) 75
94. If BAD = 214, then HAD will be—
(A) 113
(B) 547
(C) 814
(D) 423
95. If AID = 194, then DIG will be—
(A) 185
(B) 497
(C) 375
(D) 286
96. Amir Khusrau was a famous poet in the court of—
(A) Allauddin Khilji
(B) Balban
(C) Md Bin Tughluq
(D) None of the above
97. National Income in India is estimated by—
(A) CSO
(B) RBI
(C) Ministry of Finance
(D) Finance Commission
98. Who founded the “Servants of India Society”—
(A) B. G. Tilak
(B) G. K. Gokhale
(C) Lala Lajpat Rai
(D) Bipin Ch. Pal

99. Find the missing number in the fig (ii)-



- (A) 95
- (B) 38
- (C) 45
- (D) 63

100. Which article of constitution abolished untouchability ?

- (A) Article 19
- (B) Article 17
- (C) Article 21
- (D) Article 25