

2007

TEST BOOKLET
DY. MANAGER RECRUITMENT EXAM.

BOOKLET
GROUP

B

Time allowed : 2 hours

Full marks : 100

Questions are of equal Mark

Serial No. **1886**

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 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 HB PENCIL WITHIN THE OVAL BELOW THE LETTER OF THE SELECTED ANSWER IN THE ANSWER-SHEET AS SHOWN HERE UNDER :

Example— Question : Kolkata is the capital city of-

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

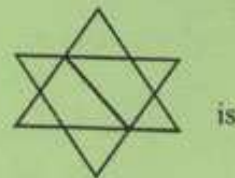
Answer : (A) (B) (C) (D)

5. i) If you have already marked a wrong answer, erase the oval completely and darken afresh within the correct oval.
ii) If more than one oval is darkened for a particular answer it will be treated as an incorrect/wrong answer.
iii) Any sign other than complete darken inside the oval will be treated as incorrect/wrong answer.
6. There are 100 questions carrying 1 (one) mark each.
7. THERE WILL BE NO NEGATIVE MARKING FOR ANY INCORRECT/WRONG ANSWER.
8. There are extra blank pages at the end of this booklet for rough work. Roll No. & Group should be given on the sheet used 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 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)

1. Which of the following values of x satisfies the inequality $2x^2 - 3x + 1 > 0$?
 - (a) $-1 < x < -\frac{1}{2}$
 - (b) $\frac{1}{2} < x < 1$
 - (c) $x > 1$ or $x < \frac{1}{2}$
 - (d) $-\frac{1}{2} < x < 1$
2. Ramji is brother of Sangeeta. If Sangeeta's sister Momita is a niece of Debjit then how Ramji is related to Debjit?
 - (a) Son
 - (b) Nephew
 - (c) Brother
 - (d) Son of Sister
3. The plants bend towards the source of light on account by the movement of curvature known as
 - (a) Phototropism
 - (b) Chemotropism
 - (c) Thigmotropism
 - (d) Geotropism
4. The atmospheric layer nearest to the earth is called
 - (a) Exosphere
 - (b) Troposphere
 - (c) Stratosphere
 - (d) None of above
5. The longest dam in India is
 - (a) Bhakra Nangal dam
 - (b) Nagarjun Sagar dam
 - (c) Hirakud dam
 - (d) Koshi dam
6. World Earth Day is celebrated on
 - (a) 22nd March
 - (b) 22nd April
 - (c) 13th April
 - (d) 1st May
7. Cho Seung-Hui, who killed teachers and students in Virginia University originally hails from :
 - (a) Hong Kong
 - (b) South Korea
 - (c) North Korea
 - (d) China
8. Maximum size of square tiles is used to cover a pavement of area $45 \text{ mt} \times 20 \text{ mt}$. Total number of tiles required
 - (a) 40
 - (b) 36
 - (c) 32
 - (d) 28
9. The LTTE has hit the headlines recently for
 - (a) Using human bombs on Srilankan army
 - (b) Using guerila warfare
 - (c) Air attacks on the Srilankan army
 - (d) None of the above
10. Right to Information Act was enacted in
 - (a) 2003
 - (b) 2004
 - (c) 2005
 - (d) 2006

11. Sarba Shiksha Abhiyan aims at universalisation of elementary education which is :
- Upto class - iv
 - Upto class - viii
 - Upto Secondary examination
 - Upto Graduation
12. Which of the following seaport handles the largest volume of India's foreign trade ?
- Visakhapatnam
 - Cochin
 - Kolkata
 - Mumbai
13. Khasi and Garo tribes mainly live in
- Meghalaya
 - Mizoram
 - Kerala
 - Tamil Nadu
14. Nikolas Sarkozy was a presidential candidate in recently held election in :
- Germany
 - France
 - Switzerland
 - Italy
15. India's first underground nuclear explosion test was conducted at
- Paccham Island, Gujrat
 - Rameswaram, Tamil Nadu
 - Mount Abu, Rajasthan
 - Pokhran, Rajasthan
16. The product of three numbers is 750 and their ratio is 1 : 2 : 3 what will be the sum of the squares of three numbers ?
- 450
 - 400
 - 350
 - 375
17. A certain sum of money given on loan at simple interest triple in 25 years. The rate of interest per year is
- 8%
 - 10%
 - 15%
 - 12%
18. The largest source of energy in India is
- Nuclear
 - Biogas
 - Hydroelectric
 - Thermal
19. The number of triangles in the figure given below



is

- 8
- 12
- 6
- 10

20. The Satpura range is situated between two west flowing rivers. They are
(a) Tapti & Mahi
(b) Mahi & Luni
(c) Narmada & Luni
(d) Narmada & Tapti
21. The largest desert in the world is
(a) Gobi
(b) Thar
(c) Sahara
(d) Kalahari
22. The Indian who contested for the post of the Secretary General of the UNO was
(a) Vikram Seth
(b) Shashi Tharoor
(c) Shiv Shankar Menon
(d) Subramanyam Swamy
23. Name the blind pilot created world record by flying from London to Sydney :
(a) Miles Hilton-Barbare
(b) Malcom Marshall
(c) William Smith
(d) John Elton
24. The unit of astronomical distance is
(a) Kilometer
(b) Nautical mile
(c) Light year
(d) Augstrom
25. The Indian Constitution came into force in
(a) January 26, 1951
(b) January 1, 1950
(c) January 26, 1950
(d) August 15, 1949
26. If the President of India wants to tender his resignation before expiry of his normal term, he has to address the same to
(a) the Vice President
(b) the Prime Minister
(c) the Parliament
(d) the Chief Justice of India
27. A merchant gives one article free for every twelve articles purchased. The discount given is
(a) $6\frac{1}{4}\%$
(b) $6\frac{2}{3}\%$
(c) $7\frac{9}{13}\%$
(d) $6\frac{1}{4}\%$
28. Rahim buys a T.V at three fourths of its value and sales it for 25% more than its value. What will be his profit percent
(a) 20%
(b) 50%
(c) 60%
(d) $66\frac{2}{3}\%$
29. The famous agricultural scientist who has been awarded Nobel peace prize is
(a) M. S. Swaminathan
(b) Norman Borlang
(c) Hargobind Khorana
(d) S. Chandra Sekhar

30. The first weekly paper published by I. N. C. (in 1889) was
- (a) Indian People
 - (b) Voice of India
 - (c) India
 - (d) Young India
31. One Horse Power is equal to
- (a) 816 watts
 - (b) 520 watts
 - (c) 625 watts
 - (d) 746 watts
32. A train 100 meters long passes a platform 100 meters long in 10 seconds. The speed of the train is
- (a) 70 km/hr
 - (b) 30 km/hr
 - (c) 65 km/hr
 - (d) 72 km/hr
33. Some cats are dogs. No dog is blue. Which conclusion follows from the above
- (a) No cat is blue
 - (b) Some dogs are cats
 - (c) All blue dogs are cats
 - (d) Some cats are not blue
34. The ratio of x to y is $\frac{1}{2}$. If the ratio of $x+2$ to $y+1$ is $\frac{2}{3}$, then what is the value of x ?
- (a) 4
 - (b) 3
 - (c) 2
 - (d) 1
35. Peoples Democratic Party (PDP) is a partner of the present coalition government in :
- (a) Jammu & Kashmir
 - (b) Tamil Nadu
 - (c) Kerala
 - (d) Punjab
36. FDI stands for :
- (a) Fraud Detecting Instrument
 - (b) Foreign Direct Investment
 - (c) Finance Department of India
 - (d) Federal Department of Investigation
37. A bag contains an equal number of one rupee, 50 paise and 25 paise coins. If the total value is Rs 35, how many coins of each type are there ?
- (a) 18
 - (b) 15
 - (c) 25
 - (d) 20
38. If x stands for add, y stands for subtract, z stands for divide and p stands for multiply, then what is the value of $(7 p 3) y 6 x 5$
- (a) 7
 - (b) 12
 - (c) 15
 - (d) 20
39. 'Freight Corridor' for ensuring smooth movement of goods has been planned by :
- (a) The Railways
 - (b) The Road Transport Organisations
 - (c) The Airways
 - (d) The Shipping Corporation of India

40. Why is red light used for danger signals ?
(a) It is a striking colour
(b) Its wavelength is the longest
(c) Red light is scattered
(d) Red light has very high energy
41. A ditch having 11 met long, 4 met wide & 4 met deep is to be filled up by earth available during excavation of a tunnel of 4 met diameter & 7 met long. The portion of the ditch from such available earth will fill up
(a) $1/4^{\text{th}}$
(b) $1/2$
(c) $3/4^{\text{th}}$
(d) Fully
42. The author of the book "waiting for the Mahatma" is
(a) R. K. Narayan
(b) N. A. Palkiwala
(c) Amrita Pritam
(d) M. Malgonkar
43. The marked price of a shirt and trousers are in the ratio of 1 : 2. The shopkeeper gives 40% discount on the shirt. If the total discount on the set of the shirt and trousers is 30%, the discount offered on the trouser is
(a) 15%
(b) 20%
(c) 25%
(d) 30%
44. Dry ice is
(a) Normal ice cube
(b) Solid Carbon Dioxide
(c) Solid Ammonium Chloride
(d) None of the above
45. Three times the first of three consecutive odd integers is 3 more than twice the third. Find the third integer
(a) 11
(b) 13
(c) 15
(d) 9
46. If $2x^2 + x - 2 = 1$ and $x > 0$ then $x =$
(a) 1
(b) 2
(c) 3
(d) 6
47. The oldest book in the world is
(a) The Bible
(b) The upanishads
(c) The Koran
(d) The Vedas
48. Two pillars 14 met & 8 met in high respectively are placed 8 met apart on the ground. The distance between their tops is
(a) 8 met
(b) 10 met
(c) 12 met
(d) 14 met

49. The ratio of length of the base & one of the other side of an Isosceles Triangle is 10:13. If the perimeter of the triangle is 36 cm, the area of the triangle is
- (a) 60 sqcm
 - (b) 70 sqcm
 - (c) 80 sqcm
 - (d) 130 sqcm
50. The area in sq.metre of an equilateral triangle is equal to its perimeter in metre. The length of the base of such triangle is
- (a) In between 6 metre to 7 metre
 - (b) In between 7 metre to 8 metre
 - (c) In between 8 metre to 9 metre
 - (c) None of the above.
51. Three years ago Rama's age was one eighth of her father's age. Seven years hence, the Sum of their ages will be 56 years. Rama's age now is
- (a) 9 yrs
 - (b) 10 yrs
 - (c) 8 yrs
 - (d) 7 yrs
52. Given that $\sqrt{24}$ is approximately equal to 4.898.
- $\sqrt{\frac{8}{3}}$ is nearly equal to
- (a) 0.544
 - (b) 1.333
 - (c) 1.633
 - (d) 2.666
53. What does the FTAA stand for ?
- (a) Free Trade Areas of the Arab
 - (b) Free Trade Areas of Asia
 - (c) Free Trade Areas of America
 - (d) None of the above
54. Who defended Aurobindo Ghosh in the Alipur bomb case ?
- (a) Chittaranjan Das
 - (b) B. C. Pal
 - (c) Matilal Nehru
 - (d) Surendranath Banerjee
55. A number when divided by 56, the remainder is 29. If the same number is divided by 8, the remainder is
- (a) 4
 - (b) 5
 - (c) 6
 - (d) 7
56. Who transferred the capital from Calcutta to Delhi?
- (a) Lord Curzon
 - (b) Lord Wavell
 - (c) Lord Hardinge
 - (d) Lord Mountbatten
57. To become a member of Loksabha the minimum age is
- (a) 21 years
 - (b) 25 years
 - (c) 30 years
 - (d) 35 years

58. In a group of 15, 7 can speak German and 8 can speak Italian while 3 can speak neither. What part of the group can speak both German & Italian ?
- (a) $\frac{1}{3}$
(b) $\frac{1}{5}$
(c) $\frac{3}{5}$
(d) $\frac{4}{15}$
59. Article 370 of the Constitution is related to
- (a) Punjab
(b) Jammu and Kashmir
(c) Arunachal
(d) Sikkim
60. Select the pair that has the same relationship as the original pair of words victory : defeat
- (a) King : Queen
(b) Father : Brother
(c) Heaven : Hell
(d) Mother : Sister
61. The Sachar Committee which submitted its report recently dealt with the conditions of :
- (a) Muslims
(b) Dalits
(c) All the Minority Communities
(d) People belonging to the Sheduled Castes and Tribes.
62. Name of the instrument used for measurement of humidity is
- (a) barometre
(b) hydrometre
(c) hygrometre
(d) manometre
63. The sky seen from the earth appears blue due to
- (a) Scattering of light
(b) Polarisation of light
(c) Reflection of light
(d) Defraction of light
64. $(\frac{1}{14} + \frac{1}{47} + \frac{1}{710} + \frac{1}{1013} + \frac{1}{1316})$ is equal to
- (a) $\frac{1}{3}$
(b) $\frac{5}{16}$
(c) $\frac{3}{8}$
(d) $\frac{1}{7280}$
65. The 20th Indira Gandhi Award for national integration was presented to
- (a) Mahasweta Debi
(b) Medha Patekar
(c) Lila Majumdar
(d) Margaret Alva
66. 581C is code name of
- (a) The latest missile tested by India
(b) The latest planet discovered by the scientists
(c) The confidential documents of national interest.
(d) None of the above.
67. AIDS Virus has
- (a) Single strand DNA
(b) Double strand DNA
(c) Single strand RNA
(d) Double strand RNA

68. Given below is the series of numbers. The next number of the series
2, 6, 12, 20, 30, 42, 56..... is
(a) 60
(b) 64
(c) 70
(d) 72
69. Who was awarded with 'Golden Boot' in World Cup Football 2006 ?
(a) Miroslav Klose
(b) Ronaldo
(c) Ronaldin ho
(d) Matterarzzi
70. There are 43 students in a class. If the rank of Raja from the beginning is 21st then what will be his position from the last?
(a) 21
(b) 22
(c) 23
(4) 24
71. The National Knowledge Commission was set up for recommendations on
(a) Higher Education
(b) Information Technology
(c) Elementary education
(d) Entire education system of the country.
72. In a certain code language COACHING is written as ENCBJHPF. How will the word SCHOOL be written in that code language.
(a) KQNJBU
(b) UBNQKJ
(c) NQKJBU
(d) UBJNQK
73. 84th Amendment of the Constitution relates to the
(a) Reservation of SC/ST
(b) Creation of New States of Jharkhand, Chattisgarh, Uttaranchal
(c) Right to education
(d) Reservation for women
74. The World Water Day is observed on
(a) 21st March
(b) 22nd March
(c) 23rd March
(d) 24th March
75. The chief aircraft manufacturing establishment in India is at
(a) Kanpur
(b) Nasik
(c) Bangalore
(d) Barrackpore
76. When 24 is added to 40% of a number the result is the number itself
(a) 24
(b) 40
(c) 60
(d) 64
77. Mixed economy means
(a) Co-existence of small and large industries
(b) Promoting both agriculture and industries in the economy
(c) Co-existence of public and private sector
(d) Co-existence of the rich and the poor

78. Who determined the boundary between India and Pakistan?
- Lord Mountbaten
 - Sir Radcliffe
 - Sir Cripps
 - Sir Henry MacMohan
79. Quit India Resolution was passed by National Congress in its
- Lahore Session
 - Bombay Session
 - Calcutta Session
 - Lucknow Session
80. Md. Afzal alias Afzal Guru is
- A convict in the Parliament attack case
 - A convict in the Bombay blast case
 - A spiritual leader
 - A hockey player
81. Fakhruddin Ahmad is
- A Union Cabinet Minister
 - A Minister of Pakistan
 - Head of the Caretaker Govt. in Bangladesh
 - A member of the Human Rights Commission of India.
82. The revocation of partition of Bengal took place during the period of
- Lord Hardinge
 - Lord Chelmsford
 - Lord Minto
 - Lord Erwin
83. Borough Committees are constituted in
- Municipal Corporation areas
 - Panchayats
 - Parliaments
 - Legislative Assemblies
84. The last general election of the Kolkata Municipal Corporation was held in
- 2003
 - 2004
 - 2005
 - 2006
85. Who is the ex-officio chairperson of the Rajyasabha ?
- The President of India
 - The Prime Minister of India
 - The Vice-President of India
 - The Speaker of the Lok Sabha
86. The Supreme Court ordered for sealing of illegal commercial establishments in
- New Delhi
 - Chandigarh
 - NOIDA
 - All state capitals.
87. Who was not a member of Indian World Cup Cricket Team 2007
- Sreesanth
 - Irfan Pathan
 - Dinesh Karthik
 - Romesh Power

88. The area of largest circle can be drawn inside a rectangle with sides 18 cm by 14 cm
- (a) 49 cm²
 - (b) 154 cm²
 - (c) 378 cm²
 - (d) 1078 cm²
89. The science dealing with the study of teeth is
- (a) Odontology
 - (b) Orinthology
 - (c) Oncology
 - (d) Phenology
90. Indian Planning Commission was constituted in
- (a) 1948
 - (b) 1949
 - (c) 1950
 - (d) 1951
91. Who claimed the second highest number of wicket in the World Cup Cricket 2007
- (a) Glenn Macgrath
 - (b) M. Muralidharan
 - (c) Lasith Malinga
 - (d) Shaun Pollock
92. 'Blue Revolution' is related to
- (a) Drinking water
 - (b) Space research
 - (c) Fisheries
 - (d) Poultry
93. 'TRAI' the name which we read very often in the newspaper is a regulatory body associated with
- (a) Transport
 - (b) Travel and Tourism
 - (c) Telecom
 - (d) Technical Education
94. In which crop India stands first in the world ?
- (a) Sugar cane
 - (b) Cotton
 - (c) Wheat
 - (d) Rice
95. The name of Surya Sekhar Ganguly is associated with the game of
- (a) Tennis
 - (b) Badminton
 - (c) Chess
 - (d) Cards
96. The Booker Prize for literature was given to
- (a) Kiran Desai
 - (b) Anita Desai
 - (c) Monila Ali
 - (d) Zaidi Smith
97. After the disintegration of the USSR, the first president of Russia was :
- (a) Boris Yeltsin
 - (b) Mikhail Gorbachove
 - (c) Vladimir Putin
 - (d) None of the above

98. Vitamin D takes care of
- (a) Functioning of eyes
 - (b) Digestion of food
 - (c) Protection of skin
 - (d) Bone development
99. Jagjit Singh Chouhan, who died recently was :
- (a) A General in Indian Army
 - (b) A long distance runner
 - (c) Founder of Khalistani Movement
 - (d) A Punjabi pop singer
100. What is 'Green Gold' ?
- (a) Rice
 - (b) Gold
 - (c) Tea
 - (d) Coffee