

**RRC: Group D Exam 2013 Question Paper (English)****Held on 24.11.2013**

BR

1

2411

**DO NOT REMOVE THIS SHEET / इस शीट को न फाड़ें**

Duration : (1½ Hours / 90 Minutes) समय : ( 1½ घंटे / 90 मिनट )		Exam Code : परीक्षा कोड :	<b>2411</b>
No. of Pages / पृष्ठों की संख्या : <b>80</b>		Question Booklet No. : प्रश्न-पुस्तिका संख्या :	<b>3024882</b>
Roll No. : अनुक्रमांक:		OMR Answer sheet No. OMR उत्तर शीट क्र.	
Date of Examination : 24 - NOV - 2013 परीक्षा तिथि :		Total Marks / कुल अंक : <b>100</b>	
**Candidate's Name / **परीक्षार्थी का नाम		**Candidate's Signature / **परीक्षार्थी का हस्ताक्षर	
** As given in application form / ** जैसा आवेदन पत्र में भरा हो			

The candidate will first open only the Red seal and read the complete set of instructions carefully/  
परीक्षार्थी पहले केवल लाल सील खोलें और सभी निर्देशों को ध्यान से पढ़ें।

The question paper is made up of the following sections as tabulated below :

निम्न तालिका में दर्शाये अनुसार, इस प्रश्न पत्र को निम्नलिखित भागों में विभाजित किया गया है :

Section/भाग	Language/भाषा	No. of Questions/प्रश्नों की संख्या	Pages/पृष्ठ	
			From/से	To/तक
Section - I	English	100	8	19
Section - II	Hindi/हिन्दी	100	20	31
Section - III	Urdu/उर्दू	100	32	42
Section - IV	Telugu/तेलुगु	100	43	54
Section - V	Kannada/कन्नड़	100	55	66
Section - VI	Marathi/मराठी	100	67	78

Write the following 'Paragraph' at the specified place in the OMR Answer-Sheet in your own handwriting.

निम्नलिखित 'पैराग्राफ' को अपनी हस्तलिपि में ओ.एम.आर. उत्तर-पत्रक में दिये गये स्थान में लिखें।

**Paragraph :** Early civilizations have been recorded through different "Signs and Symbols" as there were no written scripts. But people from that period had tried to communicate messages, instructions and Mystic power of Nature to people to modify their line of action, to live in harmonious societies and follow all rituals to lead lives in a peaceful manner.

## SECTION - I

## ENGLISH

1. Sound waves cannot pass through :  
(A) a solid-liquid mixture (B) a liquid-gas mixture  
(C) an ideal gas (D) a perfect vacuum
2. On account of its numerous temples, which city is also known as the 'Cathedral City of India' ?  
(A) Madurai (B) Bhubaneswar  
(C) Varanasi (D) None of the above
3. Who was appointed as ambassador to China during the time of Mohammad bin Tughlaq ?  
(A) Ibn Batutah (B) Barbosa (C) Barani (D) Abdur Razzak
4. A two digit number is such that the product of the digits is 8. When 18 is added to the number, then the number is reversed. The number is :  
(A) 18 (B) 42 (C) 81 (D) 24
5. The Securities Market is governed by the rules which are framed by :  
(A) IRDA (B) SEBI (C) NSE (D) RBI
6. The court which has jurisdiction over election disputes under Section 80 of the representation of people Act, 1951 is :  
(A) Supreme Court (B) High Court  
(C) Election Commission (D) Administrative Tribunal
7. Water stored in a Dam possesses :  
(A) No energy (B) Electrical energy  
(C) Kinetic energy (D) Potential energy
8. A man sells 200 mangoes at the cost price of 250 mangoes. His profit percent is :  
(A) 12.5% (B) 25%  
(C) 20% (D) None of the above

9. The ratio of the incomes of A and B is 5 : 4 and the ratio of their expenditure is 3 : 2. If at the end of year each saves Rs. 1600, then the income of A is :
- (A) Rs. 3400            (B) Rs. 3600            (C) Rs. 4000            (D) None of the above
10. Sarkaria Commission was set up for the review of relations between :
- (A) Legislature and Executive            (B) The Prime Minister and The President  
(C) Centre and States            (D) Executive and Judiciary
11. Under the PIN Code System, the number of postal zones in India is :
- (A) 6            (B) 4            (C) 5            (D) 9
12. Where was the first cotton mill in India set up ?
- (A) Surat            (B) Bombay (Mumbai)  
(C) Ahmedabad            (D) Coimbatore
13. Name the first Indigenous developed Rotavirus Vaccine of India :
- (A) Rotomid            (B) Ratavac            (C) Rotacid            (D) Rotovac
14. When two drops of Iodine solution are put on a food substance, we get blue-black colour. This indicates the presence of :
- (A) Proteins            (B) Fats            (C) Vitamins            (D) Starch
15. Which Indian region is the only place in the world where the Asiatic wild Ass is found ?
- (A) Sunderban            (B) Leh and Ladakh  
(C) Coromandel            (D) Rann of Kutch
16. GR, IP, KN, ML, .....
- (A) OJ, RI            (B) QG, SF            (C) OJ, QH            (D) OJ, QS
17.  $5 \text{ m/s} = ?$
- (A) 8 km/hour            (B) 12 km/hour            (C) 15 km/hour            (D) 18 km/hour
18. Who is the winner of prestigious Jnanpith award for the year 2012 ?
- (A) Amar Kant (Hindi)            (B) Dr. Ravuri Bharadwaja (Telugu)  
(C) Pratibha Ray (Odia)            (D) Shrilal Shukla (Hindi)

19. Find the area of a square if the sum of the diagonals is 100 cm.  
(A)  $1000 \text{ cm}^2$  (B)  $1250 \text{ cm}^2$  (C)  $5000 \text{ cm}^2$  (D) None of the above
20. The International Bank for Reconstruction and Development is located at :  
(A) Geneva (B) Washington (C) New York (D) Hague
21. What is the name of first indigenously developed super computer of India ?  
(A) Tejas (B) Anupam (C) Aryabhata (D) Param
22. If 20 men take 30 days to complete a job, in how many days can 25 men complete the same job ?  
(A) 22 (B) 24 (C) 25 (D) None of the above
23. NTPC will set up Simhadri Super Thermal Power Station in which state ?  
(A) Uttar Pradesh (B) Goa (C) Assam (D) Andhra Pradesh
24. Which type of root is found in grass ?  
(A) Tap Root (B) Fibrous Root (C) Lateral Root (D) Modified Root
25. The profit earned after selling an article for Rs. 1,754 is the same as the loss made after selling the article for Rs. 1,492. The cost price of the article is :  
(A) Rs. 1,623 (B) Rs. 1,523  
(C) Rs. 1,689 (D) None of the above
26. In the human body, the basic building blocks are :  
(A) Bones (B) Muscles (C) Nerves (D) Cells
27. In first battle of Panipat, Babar defeated which Lodhi ruler to establish Mughals empire in India ?  
(A) Ibrahim Lodhi (B) Sikandar Lodhi  
(C) Bahlul Lodhi (D) Daulat Lodhi
28. Which of the following is **not** a permanent member of the UN Security Council ?  
(A) France (B) UK (C) China (D) Japan

29. Which out of the following was not one of the purpose of "Sarais" built during Sher Shah ?  
(A) Warehouse for arms and ammunition  
(B) For officers  
(C) For travellers  
(D) Post - house
30. When a body falls freely towards the earth then its total energy :  
(A) Increases (B) Decreases  
(C) Remains Constant (D) First increases then decreases
31. Yuki Bhambri is associated with which sports ?  
(A) Tennis (B) Badminton (C) Squash (D) Golf
32. Palace : Hut :: Elephant : ?  
(A) Cow (B) Car (C) Rat (D) Bus
33. Saffron is obtained from which part of the plant ?  
(A) Stigma (B) Anther (C) Stamen (D) Pollen
34. The Railway Budget 2013 - 14 has proposed to introduce a new hyper luxury class to be called :  
(A) Udaan (B) Anand (C) Apoorva (D) Anubhuti
35. Hawaiian Islands are located in :  
(A) South Atlantic Ocean (B) North Pacific Ocean  
(C) North Atlantic Ocean (D) South Pacific Ocean
36. "SIP" in Mutual Fund business means :  
(A) Salaried Individuals and Plans (B) Systemised Insurance Plan  
(C) Systematic Investment Plan (D) None of the above
37. Quick Silver is the other name for :  
(A) Silver (B) Quartz (C) Mercury (D) Copper

2411

12

BR

38. Work done is measured by :
- (A) mass  $\times$  velocity (B) mass  $\times$  acceleration  
(C) force  $\times$  distance (D) force  $\times$  time
39. What is the National Tree of India ?
- (A) Peepal (B) Banyan (C) Mango (D) Neem
40. The greatest five digit number exactly divisible by 9 and 13 is :
- (A) 99945 (B) 99918 (C) 99964 (D) 99972
41. Krishnadevaraya belonged to :
- (A) Saluva Dynasty (B) Satvahana Dynasty  
(C) Tuluva Dynasty (D) None of the above
42. Which is the First Railway Station in India ?
- (A) New Delhi Station  
(B) Howrah Station  
(C) Victoria Terminal (Chhatrapati Shivaji Terminal)  
(D) None of the above
43. Who won the Golden Ball in Champions Trophy 2013 ?
- (A) Shikhar Dhawan (B) Virat Kohli  
(C) Ravindra Jadeja (D) Suresh Raina
44. Which one of the following is not a part of the Scheduled Banking structure in India ?
- (A) Money lenders (B) Public Sector Banks  
(C) State Co-operative Banks (D) Private Sector Banks
45. Who among the following was the Chairman of the Sixth Pay Commission ?
- (A) Justice A.K. Majumdar (B) Justice R.C. Lahoti  
(C) Justice A.R. Lakshmanan (D) Justice B.N. Srikrishna
46. The greatest number of 5 digits which starts from 8 and ends with 7 is :
- (A) 89997 (B) 88997 (C) 88887 (D) 87987

47. The writer of the 'Brihatkatha' was :  
(A) Dattamitra (B) Gudadhya (C) Bhadrabahu (D) Sarvavarman
48. What number should be added to 2714 to make it a perfect cube ?  
(A) 10 (B) 15  
(C) 30 (D) None of the above
49. Who among the following attended all the three Round Table Conferences ?  
(A) Madan Mohan Malviya (B) Dadabhai Naoroji  
(C) Mahatma Gandhi (D) B.R. Ambedkar
50. What does COBOL stand for ?  
(A) Computer Business - Oriented Language  
(B) Common Business - Oriented Language  
(C) Common British Oriented Language  
(D) None of the above
51. ABC : ZYX :: CBA : ?  
(A) BCA (B) XYZ (C) YZX (D) ZXY
52. The Article of the Indian Constitution which automatically become suspended on Proclamation of Emergency is :  
(A) Article 19 (B) Article 21  
(C) Article 14 (D) None of the above
53. Twenty men can lay a road of 50 km long in 10 days. In how many days can 15 men lay a road of 75 km long ?  
(A) 10 days (B) 20 days (C) 30 days (D) 40 days
54. The Fifth Summit of BRICS was held on March 26 - 27, 2013 in :  
(A) New Delhi (B) Moscow  
(C) Rio de Janeiro (D) Durban

55. The climate region with high temperature, throughout the year and heavy rainfall is :  
(A) Monsoon (B) Mediterranean (C) Equatorial (D) Savannas
56. Which one of the following indicates the correct chronological order of era in India ?  
(A) Vikram-Shaka-Gupta-Harsha  
(B) Gupta-Harsha-Vikram-Shaka  
(C) Gupta-Shaka-Vikram-Harsha  
(D) Vikram-Harsha-Gupta-Shaka
57. Cost of two pencils and three erasers is Rs. 18, while the cost of one pencil and two erasers is Rs. 11. The cost of each pencil is :  
(A) Rs. 4 (B) Rs. 3 (C) Rs. 6 (D) Rs. 8
58. A hereditary disease in which the blood does not clot and the affected person may bleed to death even from a small cut, is called :  
(A) Haemophilia (B) Leukaemia  
(C) Haemorrhage (D) None of the above
59. Who gave the slogan "Go Back to the Vedas" ?  
(A) Ramakrishna Paramhans (B) Raja Rammohan Roy  
(C) Swami Dayanand Saraswati (D) Swami Vivekanand
60. Curd is sour due to presence of :  
(A) Acetic acid (B) Tartaric acid  
(C) Lactic acid (D) None of the above
61. What is the distance of running in a marathon race ?  
(A) 24 miles 105 yards (B) 26 miles 385 yards  
(C) 28 miles 405 yards (D) 26 miles
62. Which among the following is in liquid state at normal room temperature ?  
(A) Sodium (B) Mercury (C) Copper (D) Phosphorus

63. In National Film Awards 2013, the Best actress award was conferred on :
- (A) Usha Jadhav for Marathi film Dhag  
(B) Aarti Anklekar Tikekar for Marathi film Samhita  
(C) Namrata Rao for Kahaani  
(D) Rituporno Ghosh for Chitrangada
64. Which of the following pairs is correct ?
- (A) Surya Sen : Chittagong Uprising Case  
(B) Ramprasad Bismil : Second Lahore Conspiracy Case  
(C) Bhagat Singh : Kakori Conspiracy Case  
(D) Chandrashekhar Azad : Delhi Bomb Case
65. Which Cruise ship sank last year in Mediterranean Sea, was salvaged recently ?
- (A) Costa Pacifica (B) Costa Favolosa  
(C) Costa Columbia (D) Costa Concordia
66. The first talkie film of India was :
- (A) Alam Ara (B) Harish Chandra  
(C) Kismet (D) None of the above
67. Guru Govind Singh was killed in 1708 at :
- (A) Nanded (B) Amritsar (C) Kiratpur (D) Anandpur
68. What will be the compound interest on Rs. 15625 for 3 years at 8% per annum, if the interest is compounded annually ?
- (A) Rs. 4805 (B) Rs. 4508 (C) Rs. 4580 (D) Rs. 4058
69. Which country was known as Abyssinia ?
- (A) Liberia (B) Somalia (C) Ethiopia (D) Zambia
70. If a car travels 20 km in 2 hours and another 10 km in 3 hours, the average speed of the car is :
- (A) 6 km/h (B) 8 km/h (C) 10 km/h (D) None of the above

71. Which layer of the atmosphere is closest to the earth ?  
(A) Stratosphere (B) Troposphere  
(C) Mesosphere (D) Thermosphere
72. The battle of Wandiwash was fought between :  
(A) English and Hyder Ali (B) English and the French  
(C) English and the Marathas (D) None of the above
73. In which of the following city, the first women post office in the country has been established in March 2013 ?  
(A) New Delhi (B) Mumbai  
(C) Kolkata (D) None of the above
74. Who is the head of the 'State Executive' ?  
(A) Governor (B) Chief Minister  
(C) State Cabinet (D) None of the above
75. Who built Charminar in Hyderabad ?  
(A) Ibrahim Qutub Shah (B) Mohammed Quli Qutub Shah  
(C) Ali Adil Shah (D) Ibrahim Adil Shah
76. Who came to India after Portuguese ?  
(A) French (B) Dutch  
(C) British (D) None of the above
77. What is Panchayati Raj ?  
(A) It is community development programme  
(B) It is a Co-operative movement  
(C) It is a scheme of self-governance  
(D) None of the above
78. What is the most common element in the Universe ?  
(A) Oxygen (B) Hydrogen (C) Helium (D) Iron

79. Shravanabelagola is associated with :  
(A) Buddhism (B) Jainism (C) Hinduism (D) All of the above
80. In Uttarakhand legislative Assembly one member is nominated from :  
(A) Christian Community (B) Parsi Community  
(C) Anglo-Indian Community (D) Muslim Community
81. Mahatma Gandhi returned to India, leaving South Africa for ever in :  
(A) 1910 (B) 1914  
(C) 1905 (D) None of the above
82. Who was the first Bangladeshi Cricketer to score double century in test cricket ?  
(A) Mohammad Ashraful (B) Mashrafe Mortaza  
(C) Mushfiqur Rahim (D) None of the above
83. Which Indian state would you be in if you were watching birds at Ranganathittu Birds Sanctuary, situated on an island in the Kaveri River ?  
(A) Andhra Pradesh (B) Karnataka  
(C) Tamil Nadu (D) Kerala
84. Which of the following country has the same colours in its National Flag as India ?  
(A) Nepal (B) Bangladesh (C) Italy (D) Spain
85. If 60% of K is 30 less than 75% of K, the value of K is :  
(A) 500 (B) 400 (C) 300 (D) 200
86. The biggest public Sector Undertaking in the country is :  
(A) Railways (B) Roadways  
(C) Airways (D) None of the above
87. 114, 225, 336, 447, 558, ?  
(A) 569 (B) 789 (C) 779 (D) 669

88.  $74 + 12 \times 0.75 - 6 = ?$   
(A) 72 (B) 67 (C) 62 (D) 77
89. Which one of the following rebellions is associated with Sidhu and Kanhu ?  
(A) Kole Rebellion (B) Munda Rebellion  
(C) Bhil Rebellion (D) Santhal Rebellion
90. When an object is thrown up, the force of gravity :  
(A) Acts in the direction of the motion  
(B) Acts in the direction opposite to the motion  
(C) Remains constant as the body moves up  
(D) Increases as the body moves up
91. Which is the first element in Periodic Table ?  
(A) Helium (B) Hydrogen (C) Carbon (D) Neon
92. Germination of seed is known as :  
(A) Sapling (B) Sprouts  
(C) Vegetation (D) None of the above
93. Internal forces :  
(A) Are always balanced forces (B) Are never balanced forces  
(C) May or may not be balanced (D) None of the above
94. "Half a life" is a novel by which of the following author ?  
(A) Salman Rushdie (B) V.S. Naipaul  
(C) Anita Desai (D) Chetan Bhagat
95. The battle between Alexander and Porus took place on the bank of the river :  
(A) Ravi (B) Beas (C) Sutlej (D) Jhelum
96. Human rights day is observed on :  
(A) 24<sup>th</sup> January (B) 16<sup>th</sup> March  
(C) 10<sup>th</sup> December (D) None of the above

**BR****19****2411**

97. 1, 3, 4, 5, 7, 9, 11, ?  
(A) 12                      (B) 18                      (C) 14                      (D) 15
98. Where is Centre for Cellular and Molecular Biology located ?  
(A) New Delhi              (B) Pune                      (C) Bangalore              (D) Hyderabad
99. What will remain after subtracting 11 ten times from 121 ?  
(A) 0                          (B) 11                          (C) 22                          (D) 10
100. What is the main function of IMF ?  
(A) Finance investment loans to developing countries  
(B) Act as private sector lending arm of World Bank  
(C) Help to solve Balance of payment problems of member countries  
(D) None of the above

**- o o o -**

