

# RRC Group - D Exam 2013 Question Paper (English)

(Held On : 08-12-2013)

NK

5812

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>5812</b>	
No. of Pages / पृष्ठों की संख्या : <b>80</b>		Question Booklet No. : प्रश्न-पुस्तिका संख्या : <b>5090183</b>	
Roll No. : अनुक्रमांक:		OMR Answer sheet No. OMR उत्तर शीट क्र.	
Date of Examination : 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 **Yellow** seal and read the complete set of instructions carefully/  
परीक्षार्थी पहले केवल पीला 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	18
Section - II	Hindi/हिन्दी	100	19	30
Section - III	Urdu/उर्दू	100	31	42
Section - IV	Telugu/तेलुगु	100	43	55
Section - V	Kannada/कन्नड़	100	56	67
Section - VI	Marathi/मराठी	100	68	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 :** One of the prime functions of justice is to deter future criminals from committing crimes. Apart from doling out punishment to errant individuals for breaking the law, the courts must set an example of not tollerating criminals acts. Which is why it becomes imperative for justice to be seen to be done and a verdict to be delivered without inordinate delay.



10. In which state is "Jaintia tribe" found ?  
(A) Meghalaya (B) Nagaland (C) Mizoram (D) Manipur
11. The product of two positive numbers is 2500. If one is four times the other, then the sum of two numbers is :  
(A) 25 (B) 125  
(C) 225 (D) None of the above
12. "Commercial Papers" are issued by :  
(A) A Company to a Bank (B) A Bank to a Company  
(C) Bank to Bank (D) None of the above
13. Which region of India was ruled by Sultan Zain-ul-Abidin ?  
(A) Assam (B) Odisha (C) Kashmir (D) Bengal
14. What type of the star is the SUN ?  
(A) Giant (B) Supergiant  
(C) Dwarf (D) None of the above
15. The Sarvodaya Movement was started by :  
(A) Mahatma Gandhi (B) Jayprakash Narayan  
(C) Vinoba Bhave (D) Jyotiba Phule
16. Tendon connects :  
(A) Bone to bone (B) Muscles to bone  
(C) Muscles to muscles (D) Nerve to muscles
17. What is the smallest number by which 3600 must be divided to make it a perfect cube ?  
(A) 45 (B) 50 (C) 300 (D) 450
18. "Din-i-Ilahi" was founded by :  
(A) Guru Nanak Dev (B) Kabir  
(C) Akbar (D) Shah Jahan
19. Who among the following decides whether a Bill is a Money bill ?  
(A) The Finance Minister (B) The Chairman of the Rajya Sabha  
(C) The President of India (D) The Speaker of the Lok Sabha

20. Who among the following was not a slave before he became a king ?  
(A) Qutub-ud-din-Aibak (B) Iltutmish  
(C) Alau-din-khilji (D) Balban
21. Which of the following is the lowest ratio ?  
(A) 7 : 13 (B) 17 : 25 (C) 7 : 15 (D) 15 : 23
22. Prithviraj Chauhan was defeated in the 2<sup>nd</sup> battle of Tarain by :  
(A) Babur (B) Mahmud Ghazni  
(C) Muhammad Ghorī (D) Ibrahim Lodhi
23. Where are Borra caves located ?  
(A) Odisha (B) Madhya Pradesh  
(C) Maharashtra (D) Andhra Pradesh
24. On applying a constant force to a body, it moves with uniform :  
(A) Momentum (B) Speed (C) Velocity (D) Acceleration
25. Pulakesin II defeated Harsha on the banks of river :  
(A) Mahanadi (B) Tapti (C) Godavari (D) Narmada
26. 1, 3, 4, 5, 7, 9, 11, \_\_\_\_\_.  
(A) 12 (B) 14  
(C) 15 (D) None of the above
27. If 3 persons weave 336 shawls in 14 days, how many shawls will 8 persons weave in 5 days ?  
(A) 360 (B) 320  
(C) 180 (D) None of the above
28. If the mass of a body is 'm' on the surface of the earth, its mass on the surface of the moon will be :  
(A)  $m/6$  (B)  $m+6$  (C)  $m$  (D)  $6m$
29. The marked price of an object is Rs. 1920. The shopkeeper allows a discount of 10% and gains 8%. If no discount is allowed his gain percent would be :  
(A) 18% (B) 20%  
(C) 22.5% (D) None of the above

30. Which of the following is incorrect ?  
(A) Jodhabai - Salim (B) Manmati - Khurram  
(C) Jijabai - Shivaji (D) Tarabai - Shahuji
31. What does the term "Fawazil" used during Sultanate period mean ?  
(A) Extra payments made to the Nobles  
(B) Revenue assigned in lieu of salary  
(C) Excess amount paid to the exchequer by Iqtadars  
(D) Illegal amount extracted from the peasants
32. Where was the first general Post Office opened in India ?  
(A) Delhi (B) Mumbai (C) Kolkata (D) None of the above
33. Which river is also referred as 'Dakshin Ganga' ?  
(A) Mahanadi (B) Krishna (C) Cauvery (D) Godavari
34. A mixture of 40 litres of milk and water contains 10% of water. How much water should be added to this mixture so that the new mixture contains 20% water ?  
(A) 4 litres (B) 5 litres  
(C) 7.5 litres (D) None of the above
35. Where is Java trench located ?  
(A) Pacific Ocean (B) Atlantic Ocean (C) Indian Ocean (D) Antarctic Ocean
36. How many times has the Indian Preamble been amended ?  
(A) once (B) twice (C) thrice (D) never
37. If the mass of a solid is doubled, its density :  
(A) becomes two times (B) becomes half  
(C) remains unchanged (D) becomes four times
38. Which state is bound by Bangladesh on three sides ?  
(A) Mizoram (B) Meghalaya (C) Tripura (D) West Bengal

39. A mixture of sand and salt can be separated by :
- (A) Sublimation
  - (B) Sieving
  - (C) Dissolving salt in water and then filtration
  - (D) Dissolving salt in water and then distillation
40. Who was the first Muslim invader in India :
- (A) Changez Khan
  - (B) Muhammad Ghori
  - (C) Muhammad-bin-Qasim
  - (D) Mahmud Ghazni
41. World Tourism day is observed on :
- (A) 24<sup>th</sup> December
  - (B) 4<sup>th</sup> October
  - (C) 24<sup>th</sup> September
  - (D) 6<sup>th</sup> September
42. Shanti Swaroop Bhatnagar award is given for exemplary work done in the field of :
- (A) Journalism
  - (B) Literature
  - (C) Science and Technology
  - (D) None of the above
43. A rope makes 140 rounds of the circumference of a cylinder, the radius of whose base is 14 cm. How many times can the same rope go round a cylinder with radius 20 cm ?
- (A) 28
  - (B) 98
  - (C) 116
  - (D) None of the above
44. Jahangir's tomb is located in :
- (A) Agra
  - (B) Lahore
  - (C) Delhi
  - (D) Srinagar
45. Which of the following organization issued initial Public Offer norms for Life Insurance Companies ?
- (A) CRISIL
  - (B) SEBI
  - (C) RBI
  - (D) IRDA
46. Which one of the following is correctly matched ?
- (A) Rabindranath Tagore - Nil Darpan
  - (B) Dadabhai Naoroji - India Unrest
  - (C) Dinbandhu Mitra - Godaan
  - (D) Ramesh Chandra Dutt - Economic History of India

47. Which part of the Constitution of India refers to the responsibility of the state towards International Peace and Security ?
- (A) Fundamental Rights (B) Directive Principles  
(C) Preamble (D) None of the above
48. Which among the following fighter plane is manufactured in France ?
- (A) Dassault Rafale (B) MIG-35  
(C) Lockheed Martin (D) None of the above
49. Which one of the following began with the Dandi March ?
- (A) Home Rule Movement (B) Non - Cooperation Movement  
(C) Civil Disobedience Movement (D) Quit India Movement
50. Token currency was introduced in India for the first time by :
- (A) Alau-din-Khilji (B) Sher Shah Suri  
(C) Ghiyas-ud-din-Tughlaq (D) Mohammad-bin-Tughlaq
51.  $(0.07\% \text{ of } 1250) - (0.02\% \text{ of } 650) = ?$
- (A) 0.545 (B) 0.625  
(C) 0.745 (D) None of the above
52. Who was the first Woman Director General of Police in India ?
- (A) Kiran Bedi (B) Kanchan Choudhary Bhattacharya  
(C) Harita Kaul Dayal (D) None of the above
53. As compared to pure water, a body in salty water will :
- (A) Sink more (B) Sink less  
(C) Remain same (D) Depends on the way the body is immersed
54. The conversion of a solid directly into its vapour is called :
- (A) Evaporation (B) Condensation (C) Vaporisation (D) Sublimation
55. With which sports is the term "Grand Slam" associated ?
- (A) Hockey (B) Cricket  
(C) Basketball (D) Lawn tennis

56. Which Sultan of Delhi fell to death while playing Chaugan ?  
(A) Iltutmish (B) Balban  
(C) Sikandar Lodhi (D) Qutub-ud-din-Aibak
57. Which of the following kingdoms was founded by Raja Odeyar ?  
(A) Tanjore (B) Jenji (C) Mysore (D) Madurai
58. Who was the Prime Minister of Britain when India got the Freedom ?  
(A) Clement Atlee (B) Winston Churchill  
(C) Neville Chamberlain (D) None of the above
59. The Oscar winning film "Life of Pie" is based on the fantasy adventure by :  
(A) Mo Yan (B) Yann Martel  
(C) Vikas Swaroop (D) Herta Muller
60. Fluid part of Blood after removal of Corpuscles is called :  
(A) Vaccine (B) Lymph (C) Serum (D) Plasma
61. Which fins do NOT help fish in balancing in water ?  
(A) Dorsal (B) Pelvic (C) Anal (D) Tail
62. Which among the following is NOT present in animal cell ?  
(A) Mitochondria (B) Chloroplast  
(C) Nucleolus (D) Plasma membrane
63. A man completes a journey in 8 hours. He covers half the distance at 40 km/hr and the rest at 60 km/hr. The length of the journey is :  
(A) 450 km (B) 420 km  
(C) 384 km (D) None of the above
64. Who is the present Chairperson of National Commission for Women in India ?  
(A) Nirmala Samant Prabhavalkar (B) Mamta Sharma  
(C) Jayanti Patnaik (D) None of the above
65. Who was the first Indian to be elected to the British House of Commons ?  
(A) Dadabhai Naoroji (B) Mahadev Govind  
(C) B.R. Ambedkar (D) Madan Mohan Malviya



66. Buland Darwaza was built at Fatehpur Sikri by Akbar to commemorate :  
(A) Birth of his son Salim (B) His own Coronation  
(C) Conquest of Deccan (D) Conquest of Gujarat
67. Which god do the "Varkaris" worship ?  
(A) Lord Vinayak (B) Lord Vitthal  
(C) Lord Virupaksh (D) None of the above
68. Azad Hind Fauj was formed in 1943 in :  
(A) Mandalay (B) Singapore (C) Tokyo (D) Kuala Lumpur
69. Who said the following lines about Gandhi-"The generation to come, it may be, scarcely believe that such a man as this, ever in flesh and blood, walked upon the earth".  
(A) Leo Tolstoy (B) Albert Einstein (C) Bernard Shaw (D) Bertrand Russell
70. Which pair is **NOT** correctly matched ?  
(A) Pisciculture - Fish (B) Sericulture - Earthworms  
(C) Green Revolution - Agriculture (D) White Revolution - Milk
71. The famous "Hornbill Festival" is celebrated in which state ?  
(A) Mizoram (B) Nagaland (C) Assam (D) Meghalaya
72. The longest cell in human body is :  
(A) Skeletal cells (B) RBC (C) Nerve cells (D) WBC
73. Which organ of the body is affected by Leukoderma ?  
(A) Heart (B) Kidney (C) Lungs (D) Skin
74. If after 3 days of tomorrow is Friday, what day was three days before yesterday ?  
(A) Friday (B) Thursday  
(C) Monday (D) None of the above
75. National Institute for the Visually handicapped is situated in :  
(A) Kolkata (B) Hyderabad (C) Dehradun (D) Mumbai

76. "Sagar Purvi" and "Sagar Paschimi" are :
- (A) Coastal research vessels
  - (B) Fisheries and Oceanographic vessels
  - (C) Name of oil exploration vessels
  - (D) None of the above
77. Who won the Australian open women's singles championship held in January 2013 ?
- (A) Victoria Azarenka
  - (B) Serena Williams
  - (C) Maria Sharapova
  - (D) Samantha Stosur
78. In which list is 'Education' included in India ?
- (A) Union list
  - (B) State list
  - (C) Concurrent list
  - (D) UGC list
79. Which of the following is a colloidal solution ?
- (A) Vinegar solution
  - (B) Paint
  - (C) Muddy water
  - (D) Sugar solution
80. Which of the following is attracted by a magnet ?
- (A) Sulphur
  - (B) Iron filings
  - (C) Iron Sulphide
  - (D) None of the above
81. The common Alum is :
- (A) Potassium Alum
  - (B) Sodium Alum
  - (C) Ferro Alum
  - (D) Chrome Alum
82. Which of the following is correctly matched ?
- (A) Trishul - surface to surface missile
  - (B) Prithvi - surface to air missile
  - (C) Nag - Anti tank missile
  - (D) Pinaka - light combat aircraft
83. During which administration was "Ashtapradhan Mandal" the name of Council of Ministers ?
- (A) Guptas
  - (B) Mauryas
  - (C) Kakatiyas
  - (D) Marathas
84. In the Indian Constitution, the power to issue a writ of "Habeas Corpus" is vested in :
- (A) Supreme court only
  - (B) High courts only
  - (C) Subordinate courts
  - (D) Supreme court and High courts

85. Where was Shivaji born ?  
(A) Raigad (B) Shivneri (C) Torna (D) Panhala
86. If KNIFE is coded as MPKHG, then what does the code DTGCF stand for ?  
(A) FVIEG (B) FVIEH (C) BREAD (D) BRAED
87. 7, 20, 46, 98, 202, ?  
(A) 420 (B) 410  
(C) 380 (D) None of the above
88. What does NASSCOM stand for ?  
(A) National Association of Shares and Securities Companies  
(B) National Association of Software and Service Companies  
(C) National Agency of Secret Service Companies  
(D) None of the above
89. What is the capital of Democratic Republic of Congo ?  
(A) Abuja (B) Kinshasa  
(C) Addis Ababa (D) Khartoum
90. If COW is coded as 358, WORD is coded as 8571 and DRAW is coded as 1708 then COWARD will be coded as :  
(A) 358017 (B) 358071  
(C) 358077 (D) None of the above
91. Which of the following is incorrect ?  
(A) S.K. Pottekkat - Telugu (B) Tulsidas - Awadhi  
(C) Amitav Ghosh - English (D) Akilan - Tamil
92. A student was asked to divide a number by 3. But instead of dividing it he multiplied it by 3 and got 29.7. What was the correct answer ?  
(A) 3.3 (B) 3.9  
(C) 9.9 (D) None of the above
93. In what ratio must a grocer mix two varieties of tea costing Rs. 15 and Rs. 20 per kg respectively so as to get a mixture worth Rs. 16.50 per kg ?  
(A) 3 : 7 (B) 5 : 7  
(C) 7 : 3 (D) None of the above

94. Sheikh Nizamuddin Auliya was the disciple of :  
(A) Sheikh Alauddin Sabir (B) Khwaja Moinuddin Chisti  
(C) Baba Farid (D) Sheikh Ahmad Sirhind
95. Price of 5 chairs and 2 tables is Rs. 1350. Two chairs cost as much as one table. What is the price of one chair and one table ?  
(A) Rs. 350 (B) Rs. 450 (C) Rs. 500 (D) Rs. 550
96. The H.C.F. of two numbers is 11 and their L.C.M. is 7700. If one of the numbers is 275, the other is :  
(A) 279 (B) 283  
(C) 308 (D) None of the above
97. "Ashtadhyayi" was written by :  
(A) Vedvyas (B) Kalidas (C) Panini (D) Valmiki
98. One year ago a man was 7 times as old as his son. Now his age is equal to the square of his son's age. The present age of the man is :  
(A) 36 years (B) 49 years  
(C) 64 years (D) None of the above
99. The persistence of sound in an auditorium is due to :  
(A) Single reflection of sound (B) Repeated reflections of sound  
(C) Repeated refraction of sound (D) Vibration of objects placed in the auditorium
100. The ratio of cost price and selling price of an article is 20 : 21. What is the profit percent on it ?  
(A) 5% (B) 6.25%  
(C) 7.5% (D) None of the above