

RRC Group D Question Paper

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SECTION I
ENGLISH VERSION

1. Lockjaw is a symptom of which of these diseases?
(A) Tetanus (B) Cholera
(C) Plague (D) Diphtheria
2. Which of these tourist attractions is situated on an island ?
(A) Ellora Caves (B) Ajanta Caves
(C) Kanheri Caves (D) Elephanta Caves
3. Who founded the newspapers 'Saamana' in Marathi and 'Dopahar ka Saamana' in Hindi ?
(A) Sharad Pawar (B) Bal Thackeray
(C) Vasant Rao Chavan (D) Vilas Rao Deshmukh
4. At what temperature do the Fahrenheit and Celsius scales show the same reading ?
(A) - 60 degrees (B) 40 degrees
(C) 80 degrees (D) - 40 degrees
5. The conservation programme of which animal has been undertaken at Kanha National Park ?
(A) Lion (B) Barasingha
(C) Wild Ass (D) Elephant
6. Where is The Valley of Flowers located ?
(A) Nilgiris (B) Aravalli
(C) Garhwal Himalayas (D) Sikkim
7. Which is India's highest civilian award ?
(A) Bharat Ratna (B) Padma Bhushan
(C) Padma Vibhushan (D) Paramvir Chakra

8. Which air carrier has been permitted to launch a regional airline in India in joint venture with Tata Sons ?
- (A) Etihad (B) Go Air
(C) Air Asia (D) Kingfisher
9. Michael Phelps is associated with which sport ?
- (A) Swimming (B) Cricket
(C) Gymnastics (D) Shooting
10. Canon was used first time in India by
- (A) French (B) Portuguese
(C) Spanish (D) Babur
11. The value of $\sqrt{0.000441}$ is :
- (A) 0.00021 (B) 0.0021
(C) 0.021 (D) 0.21
12. The least number by which 294 must be multiplied to make it a perfect square, is :
- (A) 2 (B) 3
(C) 6 (D) 24
13. The mean of 50 observations was 36. It was found later that an observation 48 was wrongly taken as 23. The corrected new mean is :
- (A) 35.2 (B) 36.1
(C) 36.5 (D) 39.1
14. The sum of the ages of a father and his son is 45 years. Five years ago, the product of their ages was 34. The ages of the son and the father are respectively :
- (A) 6 and 39 (B) 7 and 38
(C) 9 and 36 (D) 11 and 34

15. 270 candidates appeared for an examination, of which 252 passed. The pass percentage is :
- (A) 80% (B) $83\frac{1}{2}\%$
 (C) $90\frac{1}{3}\%$ (D) $93\frac{1}{3}\%$
16. A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20% ?
- (A) 3 (B) 4
 (C) 5 (D) 6
17. An article was sold for ₹144. If the percentage of profit was numerically equal to the cost price, the cost of the article was :
- (A) ₹72 (B) ₹80
 (C) ₹90 (D) ₹100
18. 3 pumps, working 8 hours a day, can empty a tank in 2 days. How many hours a day must 4 pumps work to empty the tank in 1 day ?
- (A) 9 (B) 10
 (C) 11 (D) 12
19. A contractor undertakes to do a piece of work in 40 days. He engages 100 men at the beginning and 100 more after 35 days and completes the work in stipulated time. If he had not engaged the additional men, how many days behind schedule would it be finished ?
- (A) 3 (B) 5
 (C) 6 (D) 9
20. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it ?
- (A) 8 hours (B) 10 hours
 (C) 12 hours (D) 24 hours

21. Where is Keoladeo National Park situated ?
 (A) Bharatpur (B) Agra
 (C) Jaipur (D) Ajmer
22. Find out the wrong number in given sequence :
 1, 2, 6, 15, 31, 56, 91
 (A) 31 (B) 91
 (C) 56 (D) 15
23. Find out the wrong number in given sequence :
 22, 33, 66, 99, 121, 279, 594
 (A) 33 (B) 121
 (C) 279 (D) 594
24. Find out the wrong number in given sequence :
 1, 8, 27, 64, 124, 216, 343
 (A) 8 (B) 27
 (C) 64 (D) 124
25. Which planet has the **shortest** year and the longest day in the solar system ?
 (A) Mercury (B) Mars
 (C) Jupiter (D) Neptune
26. What does a twelfth of a foot equal to ?
 (A) A Centimetre (B) A Metre
 (C) An Inch (D) A Yard
27. In telecommunications, what does the 'G' in 1G, 2G, 3G and 4G stand for ?
 (A) Gadget (B) Generation
 (C) Geo-Stationary (D) Geometric
28. Which of these parties' symbol is in the shape of a living animal ?
 (A) Bahujan Samaj Party (B) Samajwadi Party
 (C) Nationalist Congress Party (D) Janata Dal (United)

29. Which of these rivers does not originate in India ?
(A) Ravi (B) Brahmaputra
(C) Beas (D) Gomti
30. According to an act of the Govt. of India, there is a ban on the sale of which products within a radius of 100 yards of educational institutions ?
(A) Chocolate (B) Cold Drinks
(C) Tobacco (D) Tea
31. The average of the first nine prime numbers is :
(A) 9 (B) 11
(C) $11\frac{1}{9}$ (D) $11\frac{2}{9}$
32. 860% of $50 + 50\%$ of $860 = ?$
(A) 430 (B) 516
(C) 860 (D) 960
33. Passenger Carriages for the Indian Railways are built in :
(A) Chittaranjan (B) Hubli
(C) Perambur (D) Varanasi
34. WAN stands for
(A) Width After Network (B) Wide Area Network
(C) Work After Network (D) Work Area Network
35. Who was known as Kaviguru?
(A) Harivansh Rai Bachchan
(B) Rabindranath Tagore
(C) Kalidas
(D) Satyendranath Tagore

36. Where is Raj Mandir Cinema situated ?
 (A) Jaipur (B) Jodhpur
 (C) Ajmer (D) Bikaner
37. Who discovered the sea route to India?
 (A) English (B) Portugese
 (C) Dutch (D) Chinese
38. Who is the author of "Rangabhumi"
 (A) Premchand (B) Dinkar
 (C) Nirala (D) Gorakhpuri
39. The Vitamin responsible for blood clotting is
 (A) A (B) B
 (C) K (D) E
40. The term "silly point" is used in
 (A) Cricket (B) Hockey
 (C) Badminton (D) Tennis
41. Amjad Ali Khan is a renowned exponent of
 (A) Guitar (B) Sarod
 (C) Piano (D) Tabla
42. Bharatanatyam the classical form of dance originated in which state of India ?
 (A) Karnataka (B) Manipur
 (C) Tamil Nadu (D) Rajasthan
43. Golden Temple is located in the state of?
 (A) Haryana (B) Himachal Pradesh
 (C) Bihar (D) Punjab

44. Which of these is not an abbreviation of a national political party in India ?
(A) BSP (B) UPA
(C) BJP (D) NCP
45. If RANKLE is coded as ELKNAR, how would BANGLE be coded ?
(A) ELGNAB (B) ELGANB
(C) ELGNBA (D) ELNGAB
46. If REACTION is coded as CAERNOIT, how will PERFECTION be coded ?
(A) EFRPENIOIC (B) EFREPNOITC
(C) ERFEPNOITC (D) EFREPNOICT
47. $0.0060 \div 0.05 + 0.04 = ?$
(A) 0.52 (B) 0.124
(C) 0.016 (D) 0.16
48. Which of the following is second most important crop of India ?
(A) Wheat (B) Jowar
(C) Bajra (D) Gram
49. Oath of Office to Chief Justice of India is administered by
(A) Prime Minister (B) Law Minister
(C) Speaker of Lok Sabha (D) President of India
50. Which is the largest bank in Public Sector ?
(A) State Bank of India (B) Punjab National Bank
(C) ICICI Bank (D) HDFC Bank
51. Which of the following scientists discovered 'Electron' ?
(A) John Dalton (B) Newton
(C) J.J. Thomson (D) Coulomb

52. The supreme command of the Defence Forces in India is vested in :
(A) The Prime Minister (B) The Defence Minister
(C) The Home Minister (D) The President
53. Where is Birla Mandir situated ?
(A) Ajmer (B) Bikaner
(C) Jaipur (D) Jodhpur
54. Who is the winner of Wimbledon Championship – Women's Single for the year 2014 ?
(A) Serena Williams (B) Safine Lisicki
(C) Maria Sharapova (D) None of these
55. What is the Indian name of the Constellation 'Aquarius'?
(A) Meen (B) Mithun
(C) Kumbh (D) Makar
56. The H.C.F. of two numbers is 11 and their L.C.M. is 7700. If one of the numbers is 275, then the other is :
(A) 279 (B) 283
(C) 308 (D) 318
57. In a stream running at 2 kmph, a motorboat goes 6 km upstream and back again to the starting point in 33 minutes. Find the speed of the motorboat in still water.
(A) 22 kmph (B) 12 kmph
(C) 32 kmph (D) None of these
58. Aircrafts are built in India at
(A) Kanpur/Bangalore (B) Kolkata/Kochi
(C) Chennai/Mumbai (D) Delhi/Dehradun

59. The National Defence Academy is located at
(A) Hyderabad (B) New Delhi
(C) Khadakvasla (D) Mt. Abu
60. Himalayan Mountaineering Institute is at :
(A) Darjeeling (B) Dehradun
(C) Marmugao (D) Dispur
61. Who is the "Father of Geometry" ?
(A) Kepler (B) Uclid
(C) Pythagorus (D) Newton
62. $3897 \times 999 = ?$
(A) 3883203 (B) 3893103
(C) 3639403 (D) 3791203
63. The sum of even numbers between 1 and 31 is :
(A) 6 (B) 128
(C) 240 (D) 512
64. The L.C.M. of $\frac{1}{3}, \frac{2}{9}, \frac{5}{6}, \frac{4}{27}$ is :
(A) $\frac{1}{54}$ (B) $\frac{10}{27}$
(C) $\frac{20}{3}$ (D) None of these
65. The L.C.M. of 3, 2.7 and 0.09 is :
(A) 2.7 (B) 0.27
(C) 0.027 (D) 27

66. The greatest number which on dividing 1657 and 2037 leaves remainder 6 and 5 respectively, is :
- (A) 123 (B) 127
(C) 235 (D) 305
67. $792.02 + 101.32 - 306.76 = ?$
- (A) 586.58 (B) 893.34
(C) 997.11 (D) 1200.10
68. $0.014 \times 0.014 = ?$
- (A) 0.000196 (B) 0.00196
(C) 19.6 (D) 196
69. $3640 \div 14 \times 16 + 340 = ?$
- (A) 0.70 (B) 3525
(C) 4480 (D) None of these
70. $\frac{1}{10}$ of a pole is coloured red, $\frac{1}{20}$ white, $\frac{1}{30}$ blue, $\frac{1}{40}$ black, $\frac{1}{50}$ violet, $\frac{1}{60}$ yellow and the rest is green. If the length of the green portion of the pole is 12.08 metres, then the length of the pole is :
- (A) 16 m (B) 18 m
(C) 20 m (D) 30 m
71. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day ?
- (A) 12 days (B) 15 days
(C) 16 days (D) 18 days

72. If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be :
- (A) 4 days (B) 5 days
(C) 6 days (D) 7 days
73. A train can travel 50% faster than a car. Both start from point A at the same time and reach point B, 75 kms away from A at the same time. On the way, however, the train lost about 12.5 minutes while stopping at the stations. The speed of the car is :
- (A) 100 kmph (B) 110 kmph
(C) 120 kmph (D) 130 kmph
74. Two cyclists start from the same place in opposite directions. One goes towards north at 18 kmph and the other goes towards south at 20 kmph. What time will they take to be 47.5 km apart ?
- (A) $1\frac{1}{4}$ hrs. (B) $2\frac{1}{4}$ hrs.
(C) 2 hrs. 23 min. (D) $2\frac{1}{2}$ hrs.
75. Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. The faster train passes the slower train in 36 seconds. The length of each train is :
- (A) 50 m (B) 72 m
(C) 80 m (D) 82 m
76. In what ratio must water be mixed with milk to gain $16\frac{2}{3}\%$ on selling the mixture at cost price ?
- (A) 1 : 6 (B) 6 : 1
(C) 2 : 3 (D) 4 : 3
77. Find the odd man out :
331, 482, 551, 263, 383, 242, 111
- (A) 263 (B) 383
(C) 242 (D) 111

78. Find the odd man out :
3, 5, 9, 11, 14, 17, 21
(A) 21 (B) 17
(C) 14 (D) 9
79. Find the odd man out :
10, 25, 45, 54, 60, 75, 80
(A) 10 (B) 45
(C) 54 (D) 75
80. Where did Prime Minister Narendra Modi deliver his speech in US ?
(A) Madison Square Garden (B) White House
(C) California (D) None of these
81. Tidal Forests in India are found in/on
(A) Western Coast (B) Eastern Coast
(C) Central India (D) Western Ghats
82. How many natural satellites does earth have ?
(A) 1 (B) 2
(C) 3 (D) 4
83. Who of the following is called "the Indian Napoleon" ?
(A) Samudragupta (B) Vikramaditya
(C) Harsha (D) Ashoka
84. Who is the founder of Sankhya Darshana ?
(A) Patanjali (B) Kapila
(C) Jaimini (D) Uluka Kanada
85. The 'Prime Meridian' passes through :
(A) Paris (B) Greenwich
(C) New York (D) Delhi

86. The Greek ambassador Megasthenes was sent to the court of :
(A) Ashoka (B) Chandragupta Maurya
(C) Samudragupta (D) Akbar
87. How much time is taken by light to reach the Earth from the Sun ?
(A) about 20 minutes (B) about 20 seconds
(C) about 8.5 minutes (D) 8 hours 30 minutes
88. Which organ is affected in Pneumonia ?
(A) Lungs (B) Intestine
(C) Nervous System (D) Liver
89. Formation of Red Blood Corpuscles (RBC) takes place in :
(A) Liver (B) Kidney
(C) Lungs (D) Bone Marrow
90. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.
120, 99, 80, 63, 48, ?
(A) 35 (B) 38
(C) 39 (D) 40
91. Famous Tournament known as IPL is about
(A) T-20 Cricket (B) One day Cricket
(C) Test Cricket (D) European Football
92. Historical place, Kedar Nath was in news recently. This is in
(A) Chhattisgarh (B) Himachal Pradesh
(C) Uttarakhand (D) Jammu and Kashmir
93. Ms. Margret Thatcher was Prime Minister of
(A) Russia (B) Germany
(C) UK (D) Turkey

94. "LUX" is the SI unit of
(A) Sound (B) Illuminance
(C) Weight (D) Speed
95. $0.8 \times ? = 0.0004$
(A) 0.0005 (B) 0.005
(C) 0.5 (D) 0.00005
96. Narmada river originates from its source situated in the State of
(A) Maharashtra (B) Uttar Pradesh
(C) Madhya Pradesh (D) Andhra Pradesh
97. Oral Rehydration Solution (ORS) is associated with the treatment of
(A) Anaemia (B) Beri beri
(C) Cancer (D) Diarrhoea
98. Ashoka embraced Buddhism after :
(A) Battle of Patliputra (B) Kalinga war
(C) First battle of Thaneswar (D) Battle of Samugarh
99. Which of the following was the language in which Buddha preached ?
(A) Urdu (B) Pali
(C) Hindi (D) English
100. Who was the second President of India ?
(A) Dr. Zakir Hussain (B) Shri V.V. Giri
(C) Shri N.Sanjeeva Reddy (D) Dr. S. Radhakrishnan