

# RRB NTPC CBT-1 EXAM

Held on : 05.01.2021 (Shift-II)

1. The area of a rhombus is  $96 \text{ cm}^2$  and one of its diagonals is  $16 \text{ cm}$ . What is the length of its side?  
(1)  $18 \text{ cm}$  (2)  $15 \text{ cm}$   
(3)  $12 \text{ cm}$  (4)  $10 \text{ cm}$
2. Which type of soil covers most of the Deccan Plateau?  
(1) Alluvial soil  
(2) Yellow soil  
(3) Black soil  
(4) Red soil
3. The cost of 10 books is Rs. 560. What is the cost of 56 such books?  
(1) Rs. 1,056 (2) Rs. 1,000  
(3) Rs. 2,136 (4) Rs. 3,136
4. Select the number from among the given options that can replace the question mark (?) in the following series.  
 $111, 90, 71, 54, ?$   
(1) 50 (2) 39  
(3) 41 (4) 49
5. Where was the three Days World Sustainable Development Summit, 2019 organized?  
(1) Hanoi, Vietnam  
(2) New Delhi, India  
(3) Kathmandu, Nepal  
(4) Port Moresby, Papua New Guinea
6. What was the rank of India in the list of world's most competitive economies in the IMD World Competitiveness Rankings 2019?  
(1) 49th (2) 51st  
(3) 43rd (4) 50th
7. Two walls of equal height are on either side of a road, which is  $100 \text{ m}$  wide. At a point on the road two stairs are along the two walls in such a way that they indicate the two angles of elevation from that point at  $60^\circ$  and  $30^\circ$ . The length of the longer stair is:  
(1)  $75 \text{ m}$  (2)  $50\sqrt{3} \text{ m}$   
(3)  $\frac{50\sqrt{3}}{3} \text{ m}$  (4)  $50 \text{ m}$
8. The Rate constant of a reaction doubles with a \_\_\_\_ rise in temperature.  
(1)  $40^\circ$   
(2)  $10^\circ$   
(3)  $30^\circ$   
(4)  $20^\circ$
9. Which kingdom was called "a cherry" by Governor General Lord Dalhousie?  
(1) Kingdom of Jhansi  
(2) Kingdom of Gwalior  
(3) Kingdom of Awadh  
(4) Kingdom of Vijaynagara
10. The sides of certain triangles are given below. Identify the one which is a right angled triangle.  
(1)  $a = 4 \text{ cm}, b = 5 \text{ cm}, c = 7 \text{ cm}$   
(2)  $a = 5 \text{ cm}, b = 5 \text{ cm}, c = 6 \text{ cm}$   
(3)  $a = 4 \text{ cm}, b = 5 \text{ cm}, c = 6 \text{ cm}$   
(4)  $a = 7 \text{ cm}, b = 24 \text{ cm}, c = 25 \text{ cm}$
11. Amar Jeet Singh can complete a piece of work in 5 days. With the help of his son he can complete it in 3 days. In how many days can the son independently complete the work?  
(1)  $6\frac{1}{2}$  (2)  $7\frac{1}{2}$   
(3)  $5\frac{1}{2}$  (4)  $4\frac{1}{2}$
12. As per report of the ministry of Statistics and Programme Implementation released in Jan, 2020, for FY 2018-19, which of the following states of India has the highest per capita income among all Indian states and union territories?  
(1) Haryana (2) Kerala  
(3) Punjab (4) Goa
13. Which of the following is needed to access the Internet?  
(1) Unique IP Address  
(2) Email  
(3) TV  
(4) Hacker
14. 'A camel is called the ship of the desert' is drawn from the assumption:  
(1) The shape of a camel is like a ship.  
(2) Camels are used for transportation in deserts.  
(3) Camels have humps.  
(4) Camels are mammals.
15. Which is the state that leads in the list of monuments of national importance in South India declared by Archaeological Survey of India (ASI)?  
(1) Kerala  
(2) Karnataka  
(3) Andhra Pradesh  
(4) Tamil Nadu
16. Find the value of  $0.4 + \frac{404}{1000}$   
(1) 80.4 (2) 804  
(3) 0.804 (4) 0.0804
17. Who led the railway strike in 1974?  
(1) JP Narayan  
(2) SP Mukherjee  
(3) George Fernandes  
(4) Morarji Desai