# RRB NTPC

## **TEST SERIES**

DATE- \_\_/\_\_|
DAY-\_\_\_\_

**INSTRUCTION FOR CANDIDATE** 

TEST SERIES NO.

SG Set 23

QUESTION- 100

**MARKS-100** 

**NEGATIVE MARK- 1/3** 

**DURATION- 90 MIN.** 

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- 4. THIS IS AN OBJECTIVE TEST, IN WHICH FOUR OPTIONS ARE GIVEN FOR THE ANSWER TO EACH QUESTION, YOU HAVE TO CHOOSE ONLY ONE OPTION WITH THE CORRECT ANSWER OUT OF THESE FOUR OPTIONS.
- 5. ANSWERS TO ALL QUESTIONS ARE TO BE WRITTEN ON SEPARATE ANSWER SHEETS.

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Total: 100 Que. RRB NTPC Set 23 Time: 90 Min.

#### **RRB NTPC CBT I**

- 1). How many chapters and sections are there in the Environment Protection Act?
- (a) Three Chapters and 26 Sections
- (b) Four Chapters and 26 Sections
- (c) Four Chapters and 28 Sections
- (d) Five Chapters and 26 Sections
- In the Juvenile Justice Act, 2000, children who are accused of having committed any offense are called
- (a) Abducted Juvenile
- (b) Juvenile in need of protection
- (c) Law Struggled Teenagers
- (d) Juvenile delinquent
- 3). Which of the following schemes has been launched by the Government of India?
- (a) National Fishermen Welfare Scheme
- (b) Market Plus Scheme (c) Jeevan Anand
- (d) Gold Banking Scheme
- 4). Which one of the following is not a correct description of the Directive Principles of State Policy?
- (a) Directive Principles are not enforceable by the
- (b) Directive Principles have a political sanction.
- **(c)** Directive Principles are declarations of objectives for State Legislation.
- (d) Directive Principles promise equal income and free health care for all Indians.
- **5).** The United Nations Framework Convention on Climate Change (UNFCCC) is an international treaty drawn at

- (a) United Nations Conference on the Human Environment, Stockholm, 1972
- **(b)** UN Conference on Environment and Development, Rio de Janeiro, 1992
- **(c)** World Summit on Sustainable Development, Johannesburg, 2002
- (d) UN Climate Change Conference, Copenhagen, 2009
- The cost for making the constitution of India was
- (a) 55 lakh (b) 60 lakh (c) 62 lakh
- (d) None of these
- **7).** Which among the following is the predominant type of Indian agriculture?
- (a) Commercial agriculture
- (b) Extensive agriculture (c) Plantation agriculture
- (d) Subsistence agriculture
- **8).** The Union and its territory comes under which of the following article?
- (a) Articles 1-6 (b) Articles 1-3 (c) Articles 1-5
- (d) Articles 1-4
- 9). Which of the following is not considered a Core Industrial Sector in the Index of Industrial Production (IIP)?
- (a) Electricity (b) Steel (c) Refinery products
- (d) Telecom
- **10).** A bill may be introduced in which House of Parliament?
- (a) Lok Sabha (b) Rajya Sabha
- (c) Either house of Parliament
- (d) None of the above.
- **11).** Which sector in India attracts the highest FDI equity inflow?
- (a) Construction sector (b) Energy sector
- (c) Service sector (d) Automobile sector

- 12). Water soluble vitamin is
- (a) Vitamin A (b) Vitamin C (c) Vitamin D
- (d) Vitamin E
- **13).** Which of the following is not a feature of Dravida style of Temple Architecture?
- (a) Temples were surrounded by high boundary walls
- **(b)** Subsidiary shrines have vimana, similar to Nagara Architecture
- (c) Presence of gopuram as a high entrance gateway
- (d) Presence of water tank inside the temple
- **14).** Personal computers, digital television, email, robots, etc., are examples of which type of technology?
- (a) Information technology
- (b) Language laboratory
- (c) Information Communication Technology
- (d) None of the above
- **15).** Fundamental duties were added in which year?
- (a) 1986 (b) 1976 (c) 1951 (d) 2001
- **16).** In which respect, have the Centre-State relations been specifically termed as 'municipal relations'?
- (a) Centre's control of the State in the Legislative sphere
- **(b)** Centre's control of the State in the financial matters
- (c) Centre's control of the State in the administrative matters
- (d) Centre's control of the State in the planning process
- 17). In what respect, core inflation is different from headline inflation?
- (a) It excludes fuel inflation
- (b) It excludes food inflation
- (c) It includes fuel and food inflation
- (d) Both A and B
- **18).** Which of the following is a non-constitutional body?

- (a) Finance Commission
- (b) National Commission for SCs
- (c) Advocate General of the State
- (d) State Information Commission
- Economic policies of British rule in India led to:
- (a) industrialisation of India
- (b) rise in per capita income
- (c) commercialisation of agriculture
- (d) decrease in number of landless labourers
- **20).** In which part of the Indian Constitution, are centre-state relations mentioned?
- (a) Part XI (Article 245 to 263)
- (b) Part IV (Article 36 to 51)
- (c) Part X (Article 244 to 244A)
- (d) Part XIII (Article 301 to 307)
- **21).** The President of India addresses the Parliament under Article 87 of the Indian Constitution
- (a) in a joint sitting of both Houses of Parliament.
- (b) in a joint meeting of both Houses of Parliament.
- (c) in a joint session of both Houses of Parliament.
- **(d)** in both Houses of Parliament assembled together.

22).

Column I	Column II
1. Schedule 10	a. comprises Union list, State list and the concurrent list
2. Schedule 8	b. comprises powers, authority and responsibilities of Panchayats
3. Schedule 7	c. comprises disqualification on ground of defection
4. Schedule 11	d. comprises a list of recognized languages

- (a) 1 d, 2 b, 3 a, 4 c
- **(b)** 1 c, 2 b, 3 d, 4 a
- (c) 1 b, 2 d, 3 c, 4 a
- (d) 1 c, 2 d, 3 a, 4 b
- **23).** Oath of President and Vice President are administered, respectively, by
- (a) Chief Justice of India and President
- (b) Chief Justice of India and Chief Justice of India

(c) Prime Minister and Judge of High Court	Books - Authors		
(d) Prime Minister and Chief Justice of India	(a) 'Unfinished' - Priyanka Chopra		
(a) France management and other decides of management	(b) 'Mapping Love' - Ashwiny Iyer Tiwari		
24) Which of the following statements is incorrect	(c) 'The Epic Battle of Longewala' - Bharat Kumar		
<b>24).</b> Which of the following statements is incorrect about Buddhism and Jainism?	(d) 'The Lost Soul' - Kabir Bedi		
(a) Anekantavada is the philosophy of Jainism.			
(b) Syadvada is the doctrine of Buddhism.	<ul><li>32). Which of the following is not one of the fundamental rights?</li><li>(a) Right to Property (b) Right to Freedom</li></ul>		
(c) Jainism lay more and stringent emphasis on			
non-violence.			
(d) Jain literature and texts were compiled in	(c) Cultural and Educational Rights		
Prakrit.	(d) Right to Constitutional Remedies		
<b>25).</b> Which among these are the largest grassland in the world?	<b>33).</b> What is share of Uttar Pradesh in canal		
(a) The Llanos (b) The Taiga (c) The Savanna	irrigation in India?		
(d) The Steppe	(a) 10.2 % (b) 30 % (c) 25.2 % (d) 20.2 %		
(u) The Grouppe			
<b>26).</b> Who among the following appoints the Attorney General of India?	34). "Stolen Property" is defined in which section of Indian Penal Code (IPC), 1860?		
(a) President of India (b) Prime Minister	<ul><li>(a) IPC Section 379</li><li>(b) IPC Section 378</li><li>(c) IPC Section 392</li><li>(d) IPC Section 410</li></ul>		
(c) Solicitor General of India			
(d) Chief Justice of India	367171		
(u) Cilier sustice of finale	<b>35).</b> Which section of the IPC defines the term		
27). Which of the following countries is a 'non-member observer state' of United Nation Organization?	"Government"?  (a) IPC Section 18 (b) IPC Section 17  (c) IPC Section 19 (d) IPC Section 20		
(a) Palestine (b) Israel (c) North Korea			
(d) Brunei	36). Which of the following is NOT a determinant of the patterns of drainage system?		
28). Provinces in the Mughal Empire were called	(a) Climatic conditions of the area		
——·	(b) Source of the drainage system		
(a) Parganas (b) Iqta (c) Sarkar (d) Subah	(c) Underlying rock structure (d) Slope of the land		
<ul><li>29). The Poorna Swaraj Resolution of Indian National Congress (INC) was passed in</li><li>(a) 1928 (b) 1929 (c) 1930 (d) 1931</li></ul>	<b>37).</b> The Union Cabinet has given its nod to increase the Foreign Direct Investment (FDI) limit in insurance sector to		
(4) 1020 (2) 1020 (4) 1001	(a) 49 per cent (b) 62 per cent (c) 74 per cent		
20) Which are and the following bodies	(d) 100 per cent		
<b>30).</b> Which amongst the following bodies investigate all matters relating to the			
constitutional and other legal safeguards for the Anglo-Indian Community and report to the President upon their working?	38). Which Indian-American was appointed as US Deputy President and Director of the White House Military Office (WHMO) by US President		
(a) National Commission for Minorities	Joe Biden?		
(b) National Commission for SCs	(a) Vinay Chauhan (b) Pankaj Dubey		
(c) National Commission for STs	(c) Maju Varghese (d) Akhilesh Varghese		
(d) Special Office for Linguistic Minorities			
Od) Which of the fell and a live in NOT	39). Which of the following cities of India has been recognized as the Tree City of the World?		

**31).** Which of the following is NOT correctly matched?

<ul> <li>(a) Bhubaneswar (b) Hyderabad (c) Nainital</li> <li>(d) Mangalore</li> <li>40) discovered the solar system.</li> <li>(a) Murphy (b) Newton (c) Copernicus</li> <li>(d) Vasco Da Gama</li> </ul>	<ul> <li>47). A boy leaves his school and travels 8 km towards the east. He takes a left turn and travels 6 km in that direction, and then turns towards the east and travels another 5 km. Finally, he turns right and travels 10 km. In which direction, is he now from his school?</li> <li>(a) South-East (b) West (c) East</li> <li>(d) North-East</li> </ul>
<ul><li>41). A is three times as old as B. C was twice-as old as A four years ago. In four years' time, A will be 31. What are the present ages of B and C?</li><li>(a) 9,46 (b) 9,50 (c) 10,46 (d) 10,50</li></ul>	<b>48).</b> A piece of paper is folded and punched as shown below in the question figure. From the given answer figures, indicate how it will appear when opened?
<ul> <li>42). A student walked out from the Classroom towards the Library. She went first to the Canteen on the left side, 24 ft away. After a cup of tea, took a right turn and went to the Laboratory 13 ft away. She then went to the Physics Block, 15 ft to the left. She talked to a friend, in the garden 3 ft. on the left and continued walking in the same direction to the Library, 10 ft more. What was the actual distance between the Library and the Classroom?</li> <li>(a) 42 ft. (b) 66 ft. (c) 39 ft. (d) 34 ft.</li> </ul>	(a) \( \) (b) \( \) (c) \( \) (d) \( \)
	49). Which answer figure will complete the pattern
<b>43).</b> If 27th December 2009 was a Thursday, then what day of the week was it on 1st March 2010?	in the question figure? ndia Private Limited
(a) Thursday (b) Friday (c) Sunday (d) Monday	?
<b>44).</b> In the following question, select the related group of letters from the given alternatives:  TZ : GA :: QR : ?	(a) (b) (c) (d)
(a) JI (b) TZ (c) RS (d) NQ	
<b>45).</b> Ayush was born two years after his father's marriage. His mother is five years younger than his father but 20 years older than Ayush who is 10 years old. At what age did the father get married?	<b>50).</b> A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. GD, DI, AP, XY, ?
(a) 23 years (b) 25 years (c) 33 years (d) 35 years	(a) UH (b) IU (c) ST (d) UJ

46). Amit's house is to the east of Ankit's house.Suman's house is to the south of Amit's house.

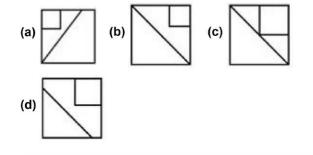
Raman's house is to the east of Amit's house. In which direction, is Raman's house with respect

(a) East (b) South-east (c) North-east

to Suman's house?

(d) South





**52).** A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

AD, CE, EF, GG, ?

(a) IJ (b) II (c) IH (d) HI

**53).** Look at this series: 8, 6, 9, 23, 87, ... What number should come next?

(a) 128

(b) 226

(c) 324

(d) 429

54). A bird shooter was asked how many birds he had in the bag. He replied that there were all sparrows but six, all pigeons but six, and all ducks but six. How many birds he had in the bag in all?

(a) 9 (b) 18 (c) 27 (d) 36

**55).** Select the related word from the given alternatives.

Clock: Time:: Thermometer:?

(a) Heat (b) Radiation (c) Energy

(d) Temperature

**56).** In the following question, select the odd letter group from the given alternatives.

(a) NAPTA (b) BMIAUM (c) AMDARS

(d) PLNAE

**57).** Select the option that will correctly replace the question mark (?) in the series.

15, 19, 35, 71, ?

(a) 125 (b) 141 (c) 145 (d) 135

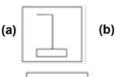
**58).** Which number will replace the question mark (?) in the following series?

2, 5, 10, 17, 26, 37, ?, 65, 82, 101

(a) 48 (b) 42 (c) 50 (d) 49

**59).** Select the option which is embedded in the figure given below.





9)

(c) \_\_\_

(d)
-----

**60).** In a certain code language, CERTAIN is written as DFSUBJO, then in the same code language, SUMMER will be written as

(a) TUNMFS (b) TVNNFS (c) TVNNFT

(d) RVNNFS

**61).** Select the missing number from the given options.

18	28	50
17	13	11
26	27	?

(a) 29 (b) 61 (c) 30 (d) 36

**62).** Pointing to a man, Pallavi said, "he is married to my cousin's mother Natasha". How is Natasha related to Pallavi?

(a) Aunty (b) Sister-in-law (c) Mother

(d) Mother-in-law

63). 'A+ B' means that A is the father of B, 'A-B' means that A is the wife of B, 'A B' means that A is the brother of B, 'A B' means that A is the daughter of B. If it is given P R + Q, which of the following is true?

(a) P is the father of Q.

(b) P is the grandfather of Q.

(c) P is the uncle of Q.

(d) P is the brother-in-law of Q.

**64).** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

16 : 128 :: 18 : 162 :: 22 : ?	<ul><li>III. All rabbits are parakeets.</li><li>IV. All cuckoos are snakes.</li><li>(a) Only conclusions I and IV follow.</li></ul>		
(a) 246 (b) 242 (c) 484 (d) 88			
	(b) All the conclusions follow.		
<b>05</b>	(c) Only conclusions I and II follow.		
<b>65).</b> Select the Venn diagram that best represents the relationship between the following classes.			
,	(d) Only conclusions II and III follow.		
Fiber, Cotton, Jute			
(a) (b) (c) (c)	70). Four letter-cluster have been given, out of which, three are alike in some manner and one is different. Select the odd letter cluster.		
(d) OOO	(a) BJT (b) GCV (c) DDP (d) FBL		
<ul> <li>66). Select the option that will fill in the blank and complete the given series.</li> <li>6, 10, 19, 35, 60,</li> <li>(a) 98 (b) 95 (c) 93 (d) 96</li> </ul>	The table given below shows the percentage of people reading different types of newspapers in a society. It also shows the average number of males and females for each newspaper.  Each person actually reads only one newspaper. The total number of people in the society is 20000.		
67). In a certain language, if ABIDE is written			
as 14811625, then how will CAGED be written	Newspaper 96 of people Male : Female		
as in that language?	A 30% 3:2		
(a) 91492516 (b) 91416 <mark>514 (c)</mark> 61492516	B 20% 2:3 C 16% 3:5		
(d) 81493514	D 12% 1:2		
Chardhagur	E 22% 4:7		
68). If:	a mara i rivate Emittea		
A3B means A is daughter of B	71).		
A5B means A is father of B			
	For which two newspaper the number of females reading them is same?		
A7B means A is mother of B			
A9B means A is wife of B	(a) D and E (b) C and E (c) A and B		
	(d) A and C		
If L3H7I5J9K, then How K is related to H?			
(a) Grand Son-in-law (b) Uncle (c) Son-in-law	72). What is difference in number of males		
(d) Son	reading newspaper B and number of males reading newspaper D?		
	(a) 1600 (b) 2000 (c) 2400 (d) 800		
<b>69).</b> Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements.	73). How many females read newspaper A? (a) 3600 (b) 3200 (c) 2400 (d) 2800		
Statements:	<b>74).</b> The ratio of water and alcohol in a mixture is		

1) All parakeets are cuckoos.

2) All cuckoos are rabbits.

3) All rabbits are snakes.

I. All parakeets are snakes.

II. All snakes are cuckoos.

Conclusion:

74). The ratio of water and alcohol in a mixture is

1:3. If 5 liters of water is added to mixture the

(a) 105 litres (b) 100 litres (c) 30 litres

(d) 20 litres

ratio becomes 2:5. The quantity of new mixture

- 75). If  $x + \frac{1}{x} = 3$  then find the value of  $x^5 + \frac{1}{x^5}$  is:
- (a) 125 (b) 127 (c) 123 (d) 129
- **76).** A jar of milk is 3/4 full. When 2 liters of milk is drawn from it, it remains 7/12 full. The capacity of the jar is:
- (a) 10 liters (b) 12 liters (c) 15 liters (d) 9 liters
- 77). In an examination, 49% students failed in English, 36% students failed in Hindi while 15% failed in both. If total number of passed students is 450, how many students did appear in the examination?
- (a) 1800 (b) 2000 (c) 1100 (d) 1500
- **78).** What is the difference between compound Interest and simple Interest for 2 year on the sum of Rs. 1250 at 4% pa?
- (a) Rs. 3 (b) Rs. 4 (c) Rs. 2 (d) Rs. 8
- 79). Sanjeev was driving a car in the fog. He passed a pedestrian who was walking at the haguru India Private Limited rate of 2 km/h in the same direction. The pedestrian could see the car for 6 min and upto a distance of 0.6 km. What was the speed of the car?
  88). From a point P outside O, two tangents PA and F the circle at A and B response.
- (a) 8 km/h (b) 10 km/h (c) 6 km/h (d) 12 km/h
- **80).** What would be the compound interest obtained on an amount of 8800 at the rate of 16% per annum after 2 years?
- (a) 3041.28 (b) 3675.46 (c) 3576.48
- (d) 4232.46
- **81).**  $[1^3 + 2^3 + 3^3 + \dots + 9^3 + 10^3]$  is equal to
- (a) 3575 (b) 2525 (c) 5075 (d) 3025
- **82).** The least multiple of 7 which when divided by 4, 5, 8 and 10 leaves 3 as remainder in each case is
- (a) 210 (b) 217 (c) 203 (d) 196
- **83).** A train 100 m long is running at the speed of 30 km/hr. The time (in second) in which it will pass a man standing near the railway line is:
- (a) 10 (b) 1 (c) 12 (d) 15

- **84).** The value of  $999 \frac{995}{999} \times 999$  is
- (a) 990809 (b) 998996 (c) 999824 (d) 998999
- 85). Two stations A and B are 770 km apart. Two trains P and Q starts from stations A and B at the same time with speeds of 72 km/hr and 60km/hr respectively. Both the trains take a 15 minute halt after travelling for an hour. Find the distance travelled by train P, when trains P and Q meet.
- (a) 350 km (b) 220 km (c) 390 km (d) 420 km
- **86).** The batting average of a cricket player for 64 innings is 62 runs. His highest score exceeds his lowest score by 180 runs. Excluding these two innings, the average of remaining innings becomes 60 runs. What is his highest score?
- (a) 180 runs (b) 209 runs (c) 212 runs
- (d) 214 runs
- **87).** 18 persons working 8 hours a day can complete 3 units of works in 10 days. How many persons are required to complete 5 units of that work in 16 days working 6 hours a day?
- (a) 25 (b) 15 (c) 20 (d) 9
- 88). From a point P outside the circle with center O, two tangents PA and PB are drawn to meet the circle at A and B respectively. If ∠APB = 70<sup>0</sup>, then ∠OAB is equal to:
- (a)  $35^{\circ}$  (b)  $65^{\circ}$  (c)  $45^{\circ}$  (d)  $55^{\circ}$
- **89).** Parth has lent some money to Rohit at 10% p.a. and the Shyam at 8% p.a. At the end of the year, he has gained the overall interest at 9% p.a. Find the ratio of money he had given to Rohit and Shyam.
- (a) 1:1 (b) 2:3 (c) 1:3 (d) 3:5
- 90). The monthly income of a person was Rs.15,600 and his monthly expenditure was Rs.7,800. Next year his income increased by 12% and his expenditure increases by 6%. The percent increase in his savings was:
- (a) 22% (b) 6% (c) 18% (d) 15%
- **91).** Rs. 810 divided among P, Q and R in such a manner that P: Q = 8: 7 and Q: R = 11: 15. What is P's share?
- (a) Rs. 241 (b) Rs. 264 (c) Rs. 256 (d) Rs. 234

- **92).** The average weight of 3 girls P, Q and R is 92 kg. Another girl S joins the group and the average now becomes 88 kg. If another girl T whose weight is 3 kg more than that of S, replaces Q then average weight of P, R, S and T becomes 87 kg. What is the weight of Q?
- (a) 85 kg (b) 80 kg (c) 83 kg (d) 87 kg
- 93). A manufacturer fixes his selling price at 27% over the cost of production. If cost of production goes up by 17% and manufacturer raises his price by 12%, his percentage profit is –
- (a)  $33\frac{15}{37}$  (b) 31 % (c)  $27\frac{13}{35}$
- (d)  $21\frac{67}{117}\%$
- 94). A bus agency has 4830 buses. He sold some buses at 11% profit, some other buses at 9% loss and rest at 19% profit. Thus, he gains 3% on the sale of the first two types and 7% on the last two types. What is the number of buses sold of the third type?
- (a) 1680 (b) 1260 (c) 1890 (d) 1620
- **95).** Ramdev sold a book at 20% profit. If he had purchased it in Rs 600 less and sold it Rs 600 less there would be 5% more profit. Find C.P. of the book.
- (a) Rs. 2500 (b) Rs. 3000 (c) Rs. 3500
- (d) Rs. 4000

- **96).** What is the greatest possible rate at which a man can walk 57 km and 95 km in an exact number of minutes?
- (a) 11 km/min (b) 13 km/min (c) 17 km/min
- (d) 19 km/min
- **97).** The product of three consecutive natural numbers, the first of which is an even number, will always be divisible by:
- (a) 12 (b) 24 (c) 6 (d) All of these
- **98).** If a + b + c = 19, ab + bc + ca = 120, then what is the value of  $a^3 + b^3 + c^3 3abc$ ?
- (a) 31 (b) 23 (c) 19 (d) 18
- **99).** There are total 200 students in a school, of which  $\frac{2}{5}$  th are boys. First the number of girls in the school.
- (a) 100 (b) 60 (c) 120 (d) 80
- 100). If  $\frac{8+2\sqrt{3}}{3\sqrt{3}+5} = a\sqrt{3} b$ , then the value of a guru Ind + b is equal to: imited
  - (a) 16 (b) 15 (c) 18 (d) 24