

## RRB NTPC Previous Year Paper 10

**Q1.** Which is India's first defense satellite?

- (a) INSAT 2B
- (b) GSAT-7
- (c) GSAT 6
- (d) IRS-1A

**Q2.** Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

**Statements: A.** All mothers are aunts.

**B.** All aunts are ladies.

**Conclusions: I.** All ladies are mothers.

**II.** All ladies are aunts.

Decide which of the below options logically follows the given Statement.

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Both conclusion I and II follows
- (d) Neither conclusion I nor II follows

**Q3.** Which of the following ratio is greatest?

- (a) 7:15
- (b) 15:23
- (c) 17:25
- (d) 21:29

**Q4.** Choose the one which is odd from the following options.

- (a) Coffee
- (b) Rice
- (c) Wheat
- (d) Maize

**Q5.** The passenger reservation system of the Indian Railways is designed by

- (a) TCS
- (b) CRIS
- (c) Google
- (d) CMS

**Q6.** What is the chemical name given of chalk?

- (a) Calcium Sulphate
- (b) Calcium Nitrate
- (c) Calcium Carbonate
- (d) Calcium Phosphide



**MISSION RRB NTPC 2020**  
Complete Preparation Pack  
Live Class | Test Series | Ebooks

**LIVE** **BILINGUAL**

adda247

**Q7.** What is the name of the book in Harry Potter series written by Jack Thorne to be published in mid-2016?

- (a) Harry Potter and the Cursed Child
- (b) Harry Potter and the Deathly Hallows.
- (c) Fantastic Beasts and Where to Find Them
- (d) The Tales of Beedle the Bard.

**Q8.** If  $3.5x=0.07y$ , then find the result of  $[x-y / 7+x]$

- (a)  $51/49$
- (b)  $49/53$
- (c)  $49/51$
- (d)  $53/57$

**Q9.** Article 29 of the Constitution of Indian grants which of the following rights?

- (a) Protection in respect of conviction of offences
- (b) Traffic in human beings prohibited
- (c) Protection of interests of minorities
- (d) Prohibits taxes on religious grounds

**Q10.** Find 150% of X, if X is the least number which when divided by 6, 7, 8, 9 and 12 leaves remainders 2, 3, 4, 5 and 8 respectively.

- (a) 750
- (b) 500
- (c) 1000
- (d) 1200

**Q11.** For real a, b and c if  $a^2+b^2+c^2=ab+bc+ca$ , then find the value of  $(a+b+c)^2$

- (a)  $9a^2$
- (b)  $81a^2$
- (c)  $27a^2$
- (d)  $243a^2$

**Q12.** MATHEMATICS is related to NUMBERS in the same way HISTORY is related to\_\_\_\_\_

- (a) EVENTS
- (b) PEOPLE
- (c) WARS
- (d) DATES

**Q13.** In which year was Facebook started?

- (a) 2002
- (b) 2004
- (c) 2008
- (d) 2009

**Q14.** What is the chemical formula of Ozone?

- (a) O
- (b)  $O_2$
- (c)  $O_3$
- (d)  $O_4$

**Q15.** An Assertion (A) and a Reason (R) are given below.

**Assertion (A):** Earthworms are not good for agriculture.

**Reason (R):** Earthworms break down the soil into fine particles and make it soft.

**Choose the correct option.**

- (a) A is true but R is false.
- (b) A is false but R is true.
- (c) Both A and R are true and R is the correct explanation of A.
- (d) Both A and R are false

**Q16.** What is the sound made by seal called?

- (a) Bark
- (b) Moo
- (c) Screech
- (d) Growl

**Q17.** Based on the analogy given, find the missing number from the given options.

7528: 5362 :: 4673:?

- (a) 2351
- (b) 2541
- (c) 2507
- (d) 2531

**Q18.** If STUDENT is coded as 103, what is the code for SCHOOL?

- (a) 72
- (b) 27
- (c) 37
- (d) 73

**Q19.** If 'P' mean 'divided by', 'T' means 'add', 'M' means 'subtract' and 'D' means 'multiplied by', then what will be the value of the following expression?

12 M 12 D 28 P 7 T 15

- (a) -21
- (b) 15
- (c) 30
- (d) -15

**Q20.** Who was the dentist who killed Cecil-the Lion in 2015?

- (a) John Walker
- (b) Gary Crow
- (c) Walter Palmer
- (d) Rupert Watson

**Q21.** The energy which we get from food is measured in

- (a) calories
- (b) Kelvin
- (c) fat
- (d) Amperes

**Bilingual**  

**Special Offer**

**RRB NTPC  
CBT I**

**65 TOTAL TESTS**

**Q22.** How many litres of blood does an adult body have?

- (a) 3
- (b) 4
- (c) 5
- (d) 6

**Q23.** Who is known as the Father of video games?

- (a) Karl Benz
- (b) Emiler Berliner
- (c) Rudolf Diesel
- (d) Ralph H. Baer

**Q24.** If Sunita earns 75/4 % more than her boyfriend, find the approximate % her boyfriend earns less than Sunita.

- (a) 16%
- (b) 14%
- (c) 25%
- (d) 11%

**Q25.** If the angles of a triangle are in the ratio of 2:3:7, then find the ratio of the greatest angle to the smallest angle.

- (a) 7:2
- (b) 2:3
- (c) 7:1
- (d) 3:5

**Q26.** Which wood is used to make a cricket bat?

- (a) Teak
- (b) Willow
- (c) Bamboo
- (d) Rosewood

**Q27.** What of the given below devices converts chemical energy to electrical energy?

- (a) transformer
- (b) Battery
- (c) Electric Generator
- (d) Wheel

**Q28.** An angle is  $30^\circ$  more than one half of its complement. Find difference between the greater and the smaller angles.

- (a)  $10^\circ$
- (b)  $20^\circ$
- (c)  $30^\circ$
- (d)  $25^\circ$

**Q29.** What are the components of  $(x^6 - x^4 - x^5 - x^4 - 4)$ ?

- (a)  $(x-1)$
- (b)  $(x+1)$
- (c) Both  $(x-1)$  &  $(x+1)$
- (d) Neither  $(x-1)$  or  $(x+1)$

**Q30.** Who fought Ahmad Shah Abdali at the third battle of Panipat?

- (a) Mughals
- (b) Lodhis
- (c) Marathas
- (d) Khiljis

**Q31.** Which of the following is not a greenhouse gas?

- (a) Carbon dioxide
- (b) Methane
- (c) Chlorofluorocarbons
- (d) Oxygen

**Q32.** What are stars primarily made of?

- (a) Oxygen and Hydrogen
- (b) Hydrogen and Carbon
- (c) Hydrogen and Helium
- (d) Oxygen and Helium

**Q33.** On which date was the partition of India announced?

- (a) 15<sup>th</sup> Aug 1947
- (b) 3<sup>rd</sup> June 1947
- (c) 17<sup>th</sup> July 1947
- (d) 1<sup>st</sup> July 1947

**Q34.** Find the simple interest on Rs. 50 for 6 months at the rate of 10 paise per rupee per month.

- (a) Rs. 35
- (b) Rs. 40
- (c) Rs. 25
- (d) Rs. 30

**Q35.** Two numbers are in the ratio 5:6. When 6 is added to each, the ratio becomes 7:8 then the numbers are

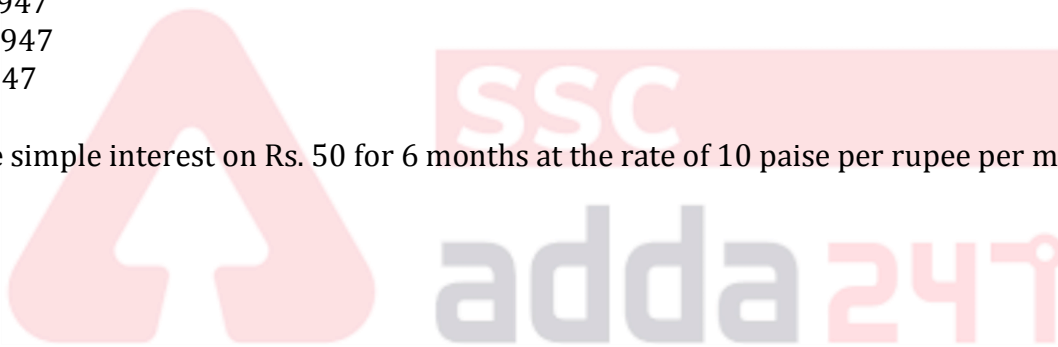
- (a) 10 & 12
- (b) 20 & 24
- (c) 15 & 18
- (d) 5 & 6

**Q36.** If the given interchanges namely: signs + and ÷ and numbers 2 and 4 are made in signs and numbers, which one of the following would be correct?

- (a)  $4 + 2 \div 6 = 1.5$
- (b)  $2 + 4 \div 6 = 8$
- (c)  $2 + 4 \div 3 = 3$
- (d)  $4 \div 2 + 3 = 4$

**Q37.** Stainless steel was invented by

- (a) William Howard Livens
- (b) Joseph Aspdin
- (c) Harry Brearley
- (d) James Dyson



TEST SERIES

Bilingual



**RRB NTPC  
PREMIUM**

- ◆ CBT-I and CBT-II
- ◆ 30 Previous Year Papers

**120 TOTAL TESTS**

**Q38.** If BORDER is coded as 579649, then ORDER can be coded as

- (a) 79469
- (b) 79649
- (c) 76949
- (d) 79667

**Q39.** The disease cirrhosis affects which organ in the body?

- (a) Brain
- (b) Liver
- (c) Heart
- (d) Kidney

**Q40.** The ratio between the speeds of two buses is 11:9. If the second bus runs 270 kms in 15 hours, then the speed of the first bus is?

- (a) 23 km/hr
- (b) 11 km/hr
- (c) 2 km/hr
- (d) 22 km/hr

**Q41.** Who presented the first Union Budget in 1947?

- (a) Indira Gandhi
- (b) Morarji Desai
- (c) R. K. Shanmukham Chetty
- (d) John Mathai

**Q42.** On which network was the first SMS sent?

- (a) Airtel
- (b) Vodafone
- (c) Verizon
- (d) Digicel

**Q43.** McAfee is a ----- ?

- (a) Anti-virus software
- (b) Programming language
- (c) Output device
- (d) Computer device

**Q44.** An Assertion (A) and a Reason (R) are given below.

**Assertion (A):** In Indian judiciary is independent of the executive.

**Reason (R):** Judiciary favors the government and helps in the implementation of its plans.

**Choose the correct option.**

- (a) A is true but R is false.
- (b) A is false but R is true.
- (c) Both A and R are true and R is the correct explanation of A.
- (d) Both A and R are false

**Q45.** The product of the ages of Swati and Aparna is 120. If thrice the age of Aparna is more than Swati's age by 2 years, find the age of Swati.

- (a) 18
- (b) 20
- (c) 24
- (d) 16

**Q46.** A wholesaler sold a water purifier at a loss of 40%. If the selling price has been increased by Rs. 125, then wholesaler will get the profit of 10%. What was the cost price of the purifier?

- (a) Rs. 250
- (b) Rs. 225
- (c) Rs. 275
- (d) Rs. 300

**Q47.** If IRON is written as GOKI, then KNIFE may be written as

- (a) IKA EY
- (b) IEKAY
- (c) IKEAY
- (d) IAKEY

**Q48.** Which tennis player has been awarded the Padma Bhushan award 2016?

- (a) Sania Mirza
- (b) Leander Paes
- (c) Mahesh Bhupathi
- (d) Rohan Bopanna

**Q49.** What does ATM stand for?

- (a) Any Time Money
- (b) Automated Teller Machine
- (c) Automatic Talking Media
- (d) Analog Time Machine

**Q50.** When Vijay sells 12 pens, he gains the selling price of 2 pens. Calculate his % profit?

- (a) 15%
- (b) 20%
- (c) 18%
- (d) 12%

**Q51.** To which dynasty did the famous patron of literature king Bhoja belong?

- (a) Chalukya
- (b) Chola
- (c) Paramara
- (d) Pala

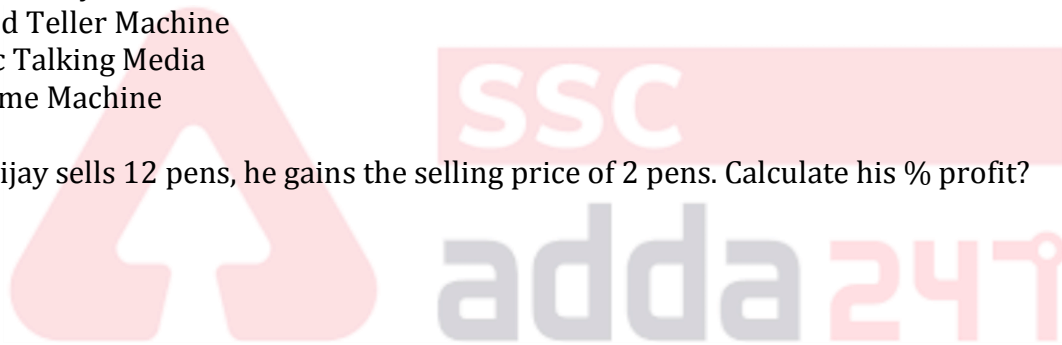
**Q52.** Based on the analogy given, find the missing word from the given options.

Mother : Child :: Cloud : ?

- (a) Rain
- (b) Thunder
- (c) Water
- (d) Weather

**Q53.** If the standard deviation of a population is 7, what would be the population variance?

- (a) 14
- (b) 21
- (c) 49
- (d) 28



TEST SERIES  
Bilingual



**AAI**  
**Junior Executive**  
**(ATC)**

**10 Full-Length Mocks**

**Direction (54- 56);** Read the following Passage and answer the questions based on it.

There are six members in a family. One couple has parents and their children in the family. Arjun is the son of Raju and Elamathi is the daughter of Arjun. Divya is the daughter of Rani who is the mother of Elamathi and Banu is the mother of Arjun.

**Q54.** How many female members in the family?

- (a) 2
- (b) 3
- (c) 4
- (d) Cannot be determined

**Q55.** Which of the following pairs is the parents of the children?

- (a) Raju & Banu
- (b) Arjun & Banu
- (c) Raju & Rani
- (d) Arjun & Rani

**Q56.** What relationship to Divya and Elamathi bear to each other respectively?

- (a) Sisters
- (b) Mother & Daughter
- (c) Grandmother & Granddaughter
- (d) Cannot be determined

**Q57.** A sum of Rs. 2000 at 40% per annum compounded annually. Calculate the interest for the third year at compound interest.

- (a) 1500
- (b) 1600
- (c) 1568
- (d) 1750

**Q58.** Who received the Man Booker Prize in 2015 for his novel 'A brief history of seven killings'?

- (a) Marlon James
- (b) Richard Flanagan
- (c) Arvind Adiga
- (d) E. O. Wilson

**QDirection (59- 61);** The following questions are based on the information given below:

An advertising agency finds that, of its 170 clients, 115 read Indian Express, 110 read The Hindu and 130 read Times of India. Also 85 read Indian Express and Times of India, 75 read Indian Express and and The Hindu, 95 read The Hindu and Times of India and 70 read all the three.

**Q59.** How many read only The Hindu?

- (a) 5
- (b) 10
- (c) 25
- (d) 35

**Q60.** How many read Indian Express and Times of India but not The Hindu?

- (a) 10
- (b) 20
- (c) 15
- (d) 30



**Q61.** How many read only Indian Express?

- (a) 15
- (b) 25
- (c) 5
- (d) 10

**Q62.** For what value of  $C_2$ , the system of equation  $6x+2y=2$  &  $3x+y=C_2$  will be coincident?

- (a) 4
- (b) 0
- (c) 2
- (d) 1

**Q63.** What is the increase in the number of workdays under the rural job guarantee scheme (MNREGA) in drought-affected areas?

- (a) 10
- (b) 25
- (c) 40
- (d) 50

**Q64.** By dividing 14528 by a certain number, Suresh gets 83 as quotient and 3 as remainder. What is the divisor?

- (a) 165
- (b) 185
- (c) 195
- (d) 175

**Direction (65- 67);** Read the following table carefully and answer the questions given below:

The percentage change in sale of six departmental stores from 2010 to 2012 is shown in the following table:

Store	Percentage Change	
	From 2010 to 2011	From 2011 to 2012
P	+20	-20
Q	-20	+9
R	+5	+12
S	-7	-15
T	+17	-8
U	+21	+9

**Q65.** Sales in store P amounted to Rs. 80 lakhs in 2010. What was the sales amount of the same store in 2012?

- (a) 76.8 lakhs
- (b) 78.6 lakhs
- (c) 80 lakhs
- (d) 74 lakhs

**Q66.** In store T the sale for 2011 amounted to about what percentage of the sales for 2012?

- (a) 113
- (b) 109
- (c) 105
- (d) 101

**Q67.** In 2012 which of the stores had greater sales than any other stores?

- (a) R
- (b) P
- (c) T
- (d) Q

**Q68.** Sunil and Gopal are partners in a business. Sunil invests Rs. 20,000 for 9 months and Gopal invests Rs. 30,000 for 12 months. Find the share of Sunil from the total profit of Rs. 60,000.

- (a) Rs. 15000
- (b) Rs. 18000
- (c) Rs. 25000
- (d) Rs. 20000

**Q69.** The mean of a distribution is 11 and the standard deviation is 5. What is the value of the coefficient variation?

- (a) 45.45%
- (b) 35.35%
- (c) 25.25%
- (d) 55.55%

**Q70.** The mean of 14 observations is 11. One more observation is included and the new mean becomes 12. The 15<sup>th</sup> observation is

- (a) 20
- (b) 24
- (c) 26
- (d) 28

**Q71.** Five women can do a work in thirty six days. If the ratio between the capacity of a man and a woman is 3:1, then find how many days it will take 5 men to complete the same work?

- (a) 12 days
- (b) 15 days
- (c) 18 days
- (d) 108 days

**Q72.** Who conferred the title of 'Gurudev' on Rabindranath Tagore?

- (a) Mahatma Gandhi
- (b) Pandit Nehru
- (c) Lala Lajpat Rai
- (d) Bal Gangadhar Tilak

**Q73.** If NCLAGJ stands for PENCIL, then AMJMSP stands for -----

- (a) ERASER
- (b) PAPERS
- (c) KOLOUR
- (d) COLOUR

**Q74.** If  $(\sin A + \cos A) / (\sin A - \cos A) = 5/4$ , the value of  $(\tan 2A+1) / (\tan 2A-1)=?$

- (a) -31/49
- (b) 12/13
- (c) -40/41
- (d) 3/5

**Q75.** If 15 persons can do a job in 30 days, then 30 persons with twice the efficiency can do the same job in how many days?

- (a) 7
- (b) 3.5
- (c) 5
- (d) 7.5

**Q76.** If two complementary angles are in the ratio of 2:3, find the ratio of square of smaller angle to square of greater angle.

- (a) 3:2
- (b) 9:11
- (c) 4:5
- (d) 4:9

**Q77.** What denotes offering several products for sale as one combined product?

- (a) Advertisement
- (b) Product mix
- (c) Product bundling
- (d) Differentiation

**Q78.** Which was the capital of the first Sri Lankan kingdom?

- (a) Jaffna
- (b) Polonnaruwa
- (c) Anuradhapura
- (d) Kandy

**Q79.**  $\sin^6 A + \cos^6 A - 1$  is equal to

- (a)  $3\sin^2 A \cos^2 A$
- (b)  $1 - 3\sin^2 A \cos^2 A$
- (c)  $1 + 3\sin^2 A \cos^2 A$
- (d) 0

**Q80.** In the following expression ' $\alpha$ ' stands for '>'; ' $\beta$ ' stands for '<'; ' $\gamma$ ' stands for 'not greater than'; ' $\delta$ ' stands for 'not less than'; and ' $\mu$ ' stands for '='.

If  $3C \delta 2A$  and  $B \alpha C$ , then which of the following statement is true?

- (a)  $3B \mu 2A$
- (b)  $B \mu A$
- (c)  $3B \alpha 2A$
- (d)  $2A \alpha 3B$

**Q81.** Which of the following is a bad conductor of heat?

- (a) Wood
- (b) Diamond
- (c) Water
- (d) Mica



**LIVE** **BILINGUAL**

**MISSION**  
**RRB NTPC 2020**  
Complete Preparation Pack  
Live Class | Test Series | Ebooks

**Q82.** Choose the pair which is related in the same way as the words in the first pair from the given choices

Mosquito: Malaria :: \_\_\_\_\_ : \_\_\_\_\_

- (a) Housefly : Food
- (b) Road : Accident
- (c) Soil: Erosion
- (d) Tobacco : Cancer

**Q83.** Where will the 2022 Commonwealth Games be played?

- (a) Glasgow
- (b) Birmingham
- (c) Gold Coast
- (d) New Delhi

**Q84.** Rearrange the jumbled up letters in their natural sequence and find the odd one out.

- (a) LAFC
- (b) UKCGIDLN
- (c) RILNIGHE
- (d) BCU

**Q85.** Sita starts to calculate sum of all odd natural numbers less than 72. What result does she get?

- (a) 1196
- (b) 1296
- (c) 1331
- (d) 1276

**Q86.** On an average how many times does lightning strike the Earth?

- (a) 100 times per second
- (b) 100 times per day
- (c) 1000 times per day
- (d) 100 times per hour

**Q87.** An Assertion (A) and a Reason (R) are given below.

**Assertion (A):** We feel comfortable in hot and humid climate.

**Reason (R):** Sweat evaporates faster in humid climate.

**Choose the correct option.**

- (a) A is true but R is false.
- (b) A is false but R is true.
- (c) Both A and R are true and R is the correct explanation of A.
- (d) Both A and R are false

**Q88.** Rearrange the jumbled up letters in their natural sequence and find the odd one out.

- (a) UTNA
- (b) EINEC
- (c) OMEHRT
- (d) ROBEHRT

**Q89.** Which is the form of market where there is lack of competition?

- (a) Monopoly
- (b) Oligopoly
- (c) Perfect competition
- (d) Marketisation

**Q90.** One of four words is a class to which the other three belong. Identify the class.

- (a) Hawaii
- (b) Cuba
- (c) Island
- (d) Greenland

**Q91.** Based on the analogy given, find the missing pair from the given options.

32 : 13 :: -----: -----

- (a) 51:36
- (b) 83:121
- (c) 71:81
- (d) 47:65

**Q92.** Find the LCM of 3.2, 2.72, 1.28 and 1.44

- (a) 979.20
- (b) 97.920
- (c) 9792
- (d) 9.792

**Q93.** Which of the following is called 'The queen of Arabian sea'?

- (a) Mumbai
- (b) Thiruvananthapuram
- (c) Kochi
- (d) Surat

**Q94.** What is the name of the castle that was built in honour of world renowned composer Richard Wagner?

- (a) Balmoral Castle
- (b) Neuschwanstein Castle
- (c) Conwy castle
- (d) Kronborg

**Q95.** Select the correct set of symbols which will fit in the given equation?

$$5 \quad 0 \quad 3 \quad 5 = 20$$

- (a) +, -, +
- (b) x, +, x
- (c) -, +, x
- (d) x, x, x

**96.** Evaporation of water from leaves of a plant is called

- (a) Transpiration
- (b) Respiration
- (c) Perspiration
- (d) Evaporation

**Q97.** How do you know Yarlung Tsangpo better?

- (a) Ganges
- (b) Brahmaputra
- (c) Mahanadi
- (d) Sutlej

Bilingual

**Special Offer**

RRB NTPC  
CBT I

65 TOTAL TESTS

**Q98.** The famous Sanchi Stupa was commissioned by

- (a) Bindusara
- (b) Ashoka
- (c) Chandragupta Maurya
- (d) Kanishka

**Q99.** How long will Ramesh take to run round a square park of edge 50 metres, if he runs at the rate of 18 km/hr?

- (a) 40 sec
- (b) 20 sec
- (c) 80 sec
- (d) 160 sec

**Q100.** Ramesh sold a phone at a loss of 5%. Had he sold it for Rs. 200 more, he would have gained 15%. To gain 25%, he should sell it for:

- (a) Rs. 1175
- (b) Rs. 1150
- (c) Rs. 1225
- (d) Rs. 1250

