



## RRB Gorakhpur 2009

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## RRB Gorakhpur 2009

### Instructions

Choose the word which is opposite in meaning to the key word.

### Question 1

#### CHIDE

- A Praise
- B Affirm
- C Halter
- D Negate

**Answer:** A

#### Explanation:

Chide means to express disapproval and praise means to show approval of the achievements. Thus, option A is correct.

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### Question 2

#### ENDEARING

- A Long
- B Odious
- C Unfriendly
- D Irritating

**Answer:** B

#### Explanation:

Endearing describes a lovable person and Odious is used to describe a person who is repulsive. An irritating person does not necessarily have to be an unlikable person. Thus, choice B is more appropriate.

### Question 3

#### BOISTEROUS

- A Huge
- B Small
- C Quiet
- D Calm

**Answer:** D

#### Explanation:

Boisterous means energetic the opposite of which is calm. Thus, option D is correct.

### Question 4

#### BESTOW

- A Given
- B Bad
- C Accept
- D Take away

**Answer:** D

**Explanation:**

Bestow means to present, the opposite of which is take away. Thus, option D is correct.

## RRB NTPC Free Mock Tests

**Question 5**

**PERENNIAL**

- A Belonging to oneself
- B Tempting
- C Occasional
- D Perishable

**Answer:** D

**Explanation:**

Perennial means lasting for a long time. The meaning of perishable is likely to decay or go bad quickly. Thus, perishable is the antonym of perennial and D is the correct option.

**Instructions**

Fill in the blanks with appropriate word.

**Question 6**

**Fate smiled ..... him in all his ventures.**

- A upon
- B in
- C to
- D on

**Answer:** D

**Explanation:**

Between on and upon, on is used more in informal situations. Thus, on is more suitable here.

**Question 7**

**It is difficult for me to part ..... my belongings.**

- A from
- B with
- C in

D of

Answer: B

Explanation:

With is the most appropriate preposition for the given blank.

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Question 8

You cannot deprive him ..... his right.

A upon

B with

C of

D on

Answer: C

Explanation:

The preposition "of" is the most appropriate for the blank.

Question 9

Hard work has taken toll ..... his health.

A upon

B with

C of

D on

Answer: D

Explanation:

Upon and on are both suitable here. But "upon" is used in more formal cases, thus "on" is preferred here.

Question 10

We must always try to live life ..... dignity.

A with

B by

C in

D of

Answer: A

Explanation:

with means "having" which is the most appropriate preposition for the blank.

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Instructions

For the following questions answer them individually

**Question 11**

The blood pressure of a normal person is:

- A 100/80
- B 100/90
- C 80/120
- D 90/100

Answer: C

**Question 12**

Colour blindness is related to

- A heredity
- B blood pressure
- C digestive system
- D respiratory system

Answer: A

**Question 13**

In simple harmonic motion, what remains constant?

- A Amplitude
- B Angular displacement
- C Time period
- D Kinetic energy

Answer: C

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**Question 14**

When a glass is rubbed by a silken cloth, the rod acquires

- A Positive charge
- B Negative charge
- C Positive and negative charge both
- D None of these

Answer: A

**Question 15**

The velocity of sound does not depend on

- A Temperature
- B medium
- C pressure
- D humidity

**Answer: C**

**Question 16**

The ultrasonic sound can be heard by

- A dogs
- B men
- C microphone
- D none of these

**Answer: D**

## RRB Group-D Previous Papers

**Question 17**

Which of the following is not a hormone?

- A Insulin
- B Andrenalin
- C Thyroxin
- D Haemoglobin

**Answer: D**

**Question 18**

The longest among the following dams is

- A Mathon dam
- B Bhakhara Nangal
- C Hirakud
- D Nagarjun sagar

**Answer: C**

**Question 19**

Milind panho is a

- A Drama in sanskrit
- B Jain description

- C Pali treatise
- D Persian treatise

Answer: C

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### Question 20

Which of the following invented Algebra?

- A Meghatithi
- B Bhaskara
- C Apastamb
- D Aryabhata

Answer: B

### Question 21

A mega city has a minimum population of

- A 10 lakhs
- B 20 lakhs
- C 50 lakhs
- D 1 crore

Answer: D

### Question 22

The language of chola rulers was:

- A Sanskrit
- B Kannada
- C Tamil
- D telugu

Answer: C

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### Question 23

Gandhiji started march to Dandi from

- A Dandi
- B Sabarmati Ashram
- C Gujarat

D Champaran

Answer: B

Question 24

Which the following rivers pass through valley?

A Godavari

B Narmada

C Krishna

D Mahanandi

Answer: B

Question 25

The sex ratio is the highest in:

A Kerala

B West bengal

C Uttar Pradesh

D Mizoram

Answer: A

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Question 26

The post of collector in india was created in:

A 1772

B 1779

C 1792

D 1882

Answer: A

Question 27

Who defeated the Marathas in the third battle of panipat ?

A Afghans

B Mughals

C English

D French

Answer: A



**Question 28**

The people of indus valley civilization worshipped:

- A Brahma
- B Vishnu
- C Pashupati
- D Indra and varun

**Answer: C**

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**Question 29**

Ashoka was related to:

- A Haryana dynasty
- B Mauryan dynasty
- C Gupta dynasty
- D vardan dynasty

**Answer: B**

**Question 30**

The number of puranas is

- A 18
- B 21
- C 23
- D 16

**Answer: A**

**Question 31**

The first animal domesticated by Neolithic people was:

- A Sheep
- B Goat
- C Dog
- D Horse

**Answer: C**

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**Question 32**

**In the vedic age:**

- A Polygamy was unknown
- B Child marriage was prominent
- C widow could remarry
- D Hypergamy

**Answer: C**

**Question 33**

**Which of the following is wrongly matched ?**

- A Namdeva-Maharashtra
- B Chaitanya-Bengal
- C Narasimha mehta-Gujarat
- D Vallabhacharya-gujarat

**Answer: D**

**Question 34**

**Name the persian version of the mahabharata, translated during Akbar's reign:**

- A Akbar Namah
- B Iqbal Namah
- C Saminatu-ul-Aluliy
- D Razmnamah

**Answer: D**

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**Question 35**

**The marathas were defeated in the Anglo-Maratha wars due to:**

- A lack of capable leadership
- B military weaknesses
- C failure in estimating correctly the strength of the British
- D all the above

**Answer: D**

**Question 36**

**Which of the following Acts delegated the power of framing laws to the council of the Governor general?**

- A Charter Act - 1883
- B Charter Act - 1853
- C The Government of India Act - 1919
- D The Government of India Act - 1935

**Answer: A**

**Question 37**

**Who was the founder of Darpan?**

- A Ishwar Chandra Vidyasagar
- B Sachindranath Sanyal
- C Bal Shastri Jambekar
- D Jyotiba Phule

**Answer: C**

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**Question 38**

**The single biggest item of british capital investment in india was/were:**

- A Railways
- B Plantation and mines
- C Banking and insurance
- D All the above

**Answer: A**

**Question 39**

**The first weekly paper published by the Indian National Congress in 1889, was:**

- A Young India
- B India
- C Indian People
- D Voice of India

**Answer: A**

**Question 40**

**Lala Lajpat Rai suffered fatal injuries during the demonstration against the:**

- A Cripps Mission
- B Simon commission

- C Jallianwala Bagh massacre
- D Rowlatt Act

Answer: B

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### Question 41

The only annual session of the congress presided over by Gandhiji was:

- A Kakinada-1923
- B Belgaum-1924
- C Kanpur-1925
- D Guwahati-1926

Answer: B

### Question 42

Habeas Corpus means:

- A an order from a court to free a person who has been illegally detained by the police or any other person.
- B an order from a superior court calling up the record of a proceeding in a inferior court for review.
- C an order from the superior court to an official to show his right to the office.
- D an order from the higher court to stop proceeding in a certain case.

Answer: A

### Question 43

Mixed economy envisages:

- A co-existence of capitalists and labourers
- B integrated economic development
- C development of agriculture and industry simultaneously
- D private and public sectors

Answer: D

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### Question 44

Which one of the following is correctly matched?

- A Bombay Stock Exchange - SENSEX
- B National Stock Exchange - NYSE
- C New York Stock Exchange - NIFTY

D London Stock Exchange - NIKKEI

Answer: A

Question 45

The important objectives of the development of cooperative sector are:

- A Prevention of concentration of economic power
- B Wider dispersal of ownership of productive resources
- C Active involvement of people in the development programmes
- D All the above

Answer: D

Question 46

Securities & Exchange Board of India (SEBI) was established in

- A 1981
- B 1988
- C 1990
- D 1992

Answer: B

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Question 47

Subsidies means:

- A Payment of government for purchase of goods and services
- B Payment of business enterprises to factors of production
- C Payment by companies to share holders
- D Payment by Government to business enterprises without buying any goods and services

Answer: A

Question 48

Which one of the following will directly increase the GNP?

- A an increase in investment
- B a surplus in budget
- C a fall in national debt
- D a rise in the interest rate

Answer: A

**Question 49**

**Who wrote a book describing the theory of economic drain of India during British rule?**

- A Dadabhai Naoriji
- B Lala Lajpat Rai
- C Mahatma Gandhi
- D J.L. Nehru

**Answer: A**

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**Question 50**

**As per 2001 census the state having highest urban population is:**

- A Uttar Pradesh
- B Maharashtra
- C Tamil Nadu
- D Kerala

**Answer: B**

**Question 51**

**How would you describe the Indian constitution?**

- A Medium in size
- B Very small and compact
- C One of the most elaborate constitution in the world
- D It is not a written constitution

**Answer: C**

**Question 52**

**Who is competent to amend the fundamental rights?**

- A President
- B Lok Sabha
- C Supreme Court
- D Parliament

**Answer: D**

**RRB Group-D Previous Papers**

**Question 53**

Name the Canal that Joins the Red Sea and the Mediterranean Sea:

- A Kiel Canal
- B Panama
- C Suez Canal
- D None of these

**Answer: C**

**Question 54**

Amongst the following Indian states which one has the minimum total forest cover?

- A Sikkim
- B Goa
- C Haryana
- D Kerala

**Answer: C**

**Question 55**

Which one among the following languages has largest number of speakers in the world?

- A Bengali
- B French
- C Japanese
- D Portugese

**Answer: D**

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**Question 56**

The great Asian river Mekong does not run through:

- A China
- B Malaysia
- C Cambodia
- D Laos

**Answer: B**

**Question 57**

In March-April, 2009 India defeated New Zealand in test cricket match series. The victory came after how many years?

- A 49 years
- B 47 years
- C 46 years
- D None of these

**Answer: D**

**Question 58**

**Who among the following is the winner of Miss India world wide 2009?**

- A Nikkitasha Marhawa
- B Kanchan Verma
- C Shagun Sarabhai
- D None of these

**Answer: D**

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**Question 59**

**8th march is celebrated as:**

- A International Women's Day
- B International Literacy Day
- C Both 1 and 2
- D None of these

**Answer: A**

**Question 60**

**In IPL-2 version of cricket, the Australian Shane Warne was the captain of which team?**

- A Chennai Super King
- B Rajasthan Royals
- C Deccan Charges
- D Knight Riders

**Answer: B**

**Question 61**

**In Lok Sabha the number of seats is \_\_\_\_\_**

- A 545
- B 542



C 549

D 544

Answer: A

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Question 62

Who is the benefited from inflation:

A Creditor

B Debtor

C Banks

D Citizens

Answer: B

Question 63

Jyoti Randhawa is associated to which sport?

A Golf

B Badminton

C Wrestling

D Tennis

Answer: A

Question 64

Who is the writer of book 'Conquest of self'?

A Mahatma Gandhi

B J.L. Nehru

C Sardar Vallabh Bhai Patel

D J.CC. Bose

Answer: A

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Question 65

When is the World Environmental day observed?

A 6th June

B 4th June

C 5th June

D None of these

**Answer: C**

**Explanation:**

World Environmental day is celebrated on 5th June every year.

**Question 66**

**Chandrayaan-1, Indian moon Mission, was launched on:**

A 22 October, 2008

B 21 October, 2008

C 22 September, 2008

D 22 November, 2008

**Answer: B**

**Question 67**

**Who controls/supervises the Consolidated Fund of India?**

A Indian Finance Minister

B Comptroller and Auditor General of India

C Parliament

D None of these

**Answer: B**

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**Question 68**

**Who has defined the office of Profit ?**

A Parliament

B Supreme court

C Council of ministers

D Constitution

**Answer: D**

**Question 69**

**Which of the following is not a constitutional arrangement?**

A Finance commission

B Planning commission

C Election commission

D Union Public Service Commission

Answer: B

**Question 70**

Partition of Bengal was done during the period of:

- A Lord Curzon
- B Lord Clive
- C Lord Cornwallis
- D Lord Dalhousie

Answer: A

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**Question 71**

$(7857 + 3596 + 4123) \div 96 = ?$

- A 155.06
- B 162.25
- C 151.83
- D 165.70

Answer: B

**Explanation:**

$$7857 + 3596 + 4123 = 15576$$

$$15576 / 96 = 162.25$$

**Question 72**

$741560 + 935416 + 1143 + 17364 = ?$

- A 1694583
- B 1695438
- C 1695483
- D 1659483

Answer: C

**Explanation:**

$$741560 + 935416 = 1676976$$

$$1143 + 17364 = 18507$$

$$\text{So, the total sum} = 1676976 + 18507 = 1695483$$

**Question 73**

$36\% \text{ of } 4800 \times 0.2\% \text{ of } 1320 = ?$

- A 4535.52

- B 4551.36
- C 4561.92
- D 4572.48

**Answer: C**

**Explanation:**

36% of 4800 = 1728

.2% of 1320 = 2.64

So, 36% of 4800 \* .2% of 1320 = 1728 \* 2.64 = 4561.92

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**Question 74**

Ramana's salary is decreased by 10%. By what percent his decreased salary be raised to have the original salary?

- A 10%
- B 11%
- C  $11\frac{1}{9}\%$
- D 12%

**Answer: C**

**Explanation:**

Let his original salary be 100 Rs.

Decreased salary = 100 - 10% = 90 Rs.

Amount to be increased = 10 RS

Percentage =  $10 \times 100 / 90 = 11\frac{1}{9}$

**Question 75**

To get 35% a number, the number should be multiplied by

- A  $\frac{7}{20}$
- B 3.5
- C  $\frac{\sqrt{7}}{20}$
- D  $\frac{5}{20}$

**Answer: A**

**Explanation:**

$\frac{7}{20} = 35\%$

So, to get 35% of a number, it needs to be multiplied by  $\frac{7}{20}$

**Question 76**

The number whose 20% is 10 is

- A 30

- B 40
- C 50
- D 70

**Answer: C**

**Explanation:**

Let the number be N

20% of N = 10

So,  $N = 10/20\% = 10 \times 5 = 50$

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**Question 77**

**A sum doubles in 20 years at SI. How long will it take to become 8 times the original amount?**

- A 40 years
- B 50 years
- C 60 years
- D 80 years

**Answer: C**

**Explanation:**

The sum doubles every twenty years. So, it becomes 4 times in 40 years and 8 times in 60 years.

**Question 78**

**The sum of two numbers is 100 and their difference is 50. The ratio of these numbers is:**

- A 2 : 1
- B 3 : 1
- C 4 : 1
- D 5 : 1

**Answer: B**

**Explanation:**

$x + y = 100$

$x - y = 50$

So,  $x = 75$  and  $y = 25$

Ratio = 3:1

**Question 79**

**The population of a town increases at 10% per annum. If the present population is 160000, what will be the population after 4 years?**

- A 2,34,000
- B 1,78,641
- C 1,92,000

D 1,65,000

**Answer: A**

**Explanation:**

The rate of growth of the population = 10%

Population of the town = 160000

So population after 4 years =  $1.1 \times 1.1 \times 1.1 \times 1.1$  times 1,60,000

= 2.34 lakhs

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**Question 80**

The ratio of the volumes of two cubes is 1 : 27. The ratio of other surface areas will be

A 1 : 3

B 1 : 6

C 1 : 9

D 1 : 18

**Answer: C**

**Explanation:**

Volume of cube =  $s^3$

Area of the cube =  $6 \times s^2$

So, if the volume is in the ratio of 1:27, the sides are in the ratio of 1:3 and hence the areas are in the ratio of 1:9

**Question 81**

The simple interest on a certain sum at the rate of 4% per annum in 4 years is Rs. 80 more than the simple interest on the same sum at 5% per annum after 3 years. The sum is

A Rs. 7000

B Rs. 7,500

C Rs. 8000

D Rs. 8,500

**Answer: C**

**Explanation:**

Let the principal be P

$SI = P \times T \times R/100$

difference =  $P \times 4 \times 4/100 - P \times 5 \times 3/100$

=  $16P/100 - 15P/100 = 80$

P = 8000 Rs.

**Question 82**

At what rate of compound interest a sum will be  $\frac{25}{16}$  times of itself in 2 years?

A 16%

- B 18%
- C 20%
- D 25%

**Answer: D**

**Explanation:**

$$P * (1 + \frac{r}{100})^2 = P * \frac{25}{16}$$

$$\text{Implies } (1 + \frac{r}{100})^2 = \frac{25}{16}$$

$$1 + \frac{r}{100} = \frac{5}{4}$$

$$r = 25\%$$

## RRB JE Free Mock Test

### Question 83

In an examination, a student gets 20% of total marks and fails by 30 marks. Another student gets 32% of total marks which is more than the minimum pass marks by 42 marks. The pass percentage is

- A 24%
- B 25%
- C 26%
- D 28%

**Answer: B**

**Explanation:**

Let the total marks be x

and pass marks be z

$$\text{So, } x * 20\% = z - 30$$

$$x * 32\% = z + 42$$

$$\text{Implies, } x * 12\% = 72 \text{ or } x = 600$$

$$z = 150$$

$$\text{The required ratio} = 150/600 = 25\%$$

### Question 84

A particle is thrown upwards at the velocity of 39.2 m/sec. Time to reach the highest point is

- A 3 seconds
- B 4 seconds
- C 3.75 seconds
- D 4.75 seconds

**Answer: B**

**Explanation:**

initial velocity= $u = 39.2$  m/s

final velocity= $v = 0$  m/s

acceleration due to gravity =  $g = -9.8 \text{ m/s}^2$

We know that,  $v = u + gt$

On substituting the above values, we get

$t = 4 \text{ s}$

**Question 85**

If the interest is compounded annually and the compound interest after 3 years at 10% per annum on a sum is Rs. 331, the principal is

- A Rs. 900
- B Rs. 1000
- C Rs. 1050
- D Rs. 1100

**Answer: B**

**Explanation:**

$$P \times \left(1 + \frac{10}{100}\right)^3 = P + 331$$

$$1.331P = P + 331$$

$$\text{So, } P = 1000$$

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**Question 86**

A shopkeeper earns 20% by allowing a discount of 10% on the marked price of an article. An article is marked at Rs. 280, its actual price is

- A Rs. 195
- B Rs. 210
- C Rs. 225
- D Rs. 215

**Answer: B**

**Explanation:**

Let the cost of the article be  $x$  Rs.

Selling price =  $1.2x$

But  $1.2x = 280 \times .9$

So,  $x = 280 \times .9 / 1.2 = 210$  Rs.

**Question 87**

Ram bought 1600 eggs at the rate of Rs. 3.75 per dozen. He sold 900 of them at 2 eggs for Re 1 and the remaining at 5 eggs for Rs. 2. Find his loss or gain percent.

- A 40%
- B 45%
- C 42%
- D 46%



**Answer: D**

**Explanation:**

Cost price of the eggs =  $3.75 \times 1600 / 12 = 500$  Rs.

Selling Price =  $900 \text{ eggs} \times 1/2 + 700 \times 2/5 = 450 + 280 = 730$  Rs

Profit % =  $(730 - 500) / 500 = 230 / 500 = 46\%$

**Question 88**

**In an election a candidate gets 40% of votes polled and is defeated by the winning candidate by 298 votes. Find the total number of votes polled.**

**A** 1360

**B** 1490

**C** 1520

**D** 1602

**Answer: B**

**Explanation:**

There is an assumption in the question that there are only two candidates participating in the election. One candidate got 40% votes and the other candidate got 60% votes. The difference is 20% votes which are 298. If 298 votes are 20%, 100% is how much.

=  $298 / 20\% = 1490$

## RRB Group-D Previous Papers

**Question 89**

**Two numbers are less than the third number by 30% and 37% respectively. By what percent is the second number less than the first number?**

**A** 15%

**B** 10%

**C** 25%

**D** 20%

**Answer: B**

**Explanation:**

Let the third number be  $x$ . So, the first number is  $.7x$

The second number is  $.63x$

So, the second number is less than the first number by  $.07$  ie 10% of the first number.

**Question 90**

**A man goes from A to B At the speed of 5 kmph and returns from B to A at 4 kmph. His average speed during the whole journey is**

**A**  $\frac{35}{9}$  kmph

**B**  $\frac{40}{9}$  kmph

**C**  $\frac{46}{9}$  kmph

D  $\frac{50}{9}$  kmph

Answer: B

**Explanation:**

Let the distance between A and B be d

Time taken for travel from A to B is  $d/5$

Time taken for travel from B to A is  $d/4$

Average speed = total distance/ total time =  $\frac{2d}{d/4+d/5}$

$= \frac{40}{9}$

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