



RRB Gorakhpur 2009

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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.

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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

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Question 17

Which of the following is not a hormone?

A Insulin

B Adrenalin

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

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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 Nikkitha 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.C.C. 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

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 among the following 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

$$20\% \text{ of } N = 10$$

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

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Question 77

A sum doubles in 20 years. 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:

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

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

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

$$r = 25\%$$

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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= $g = -9.8$ m/s²

We know that, $v = u + gt$

On substituting the above values, we get

$t = 4$ 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:

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

$$1.331P = P + 331$$

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.

$$= 298/20\% = 1490$$

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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 $.7$ 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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