



Railways Group D 01 Dec 2013

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Railways Group D

Instructions

For the following questions answer them individually

Question 1

In a hostel of 50 girls there are food provisions for 40 days. If 30 more girls join the hostel, the food provisions will last for:

- A 35 days
- B 30 days
- C 25 days
- D 20 days

Answer: C

Explanation:

50 girls can eat for 40 days

1 girl can eat for $50 * 40 = 2000$ days

If 30 more girls join, number of girls = $50 + 30 = 80$

No. of days the food will last = $2000/80 = 25$ days

Hence, option C is the correct answer.

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Question 2

The book "Indomitable Spirit" is written by:

- A Jhumpa Lahiri
- B Khushwant Singh
- C Rajmohan Gandhi
- D Dr.A.P.J. Abdul Kalam

Answer: D

Question 3

A man bought article and sold it at a gain of 10% . If he had bought it at 20% less and sold it for Rs.10 more, he would have made an profit of 40%. The cost price of the article is:

- A 500
- B 480
- C 450
- D 400

Answer: A

Explanation:

Let the cost price of article = $100x$

Then selling price will be $110x$

If he had bought it at 20% less and sold it for Rs.10 more, he would have made an profit of 40%,

$$140\% \text{ of } 80x = 110x + 10$$

$$112x = 110x + 10 \text{ (or) } x = 5$$

Cost price of the article = $100(5) = 500$

Hence, option A is the correct answer.

Question 4

At what rate percent per annum compound interest, will Rs. 10,000 amount to Rs.13,310 in three years ?

- A 8%
- B 10%
- C 12%
- D 15%

Answer: B

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Question 5

Which of the following is not a Banking/ Finance related term ?

- A Credit Wrap
- B Diffusion
- C EMI
- D Held to Maturity

Answer: B

Question 6

What is the least number which must be added to 306452 to make it a perfect square ?

- A 460
- B 462
- C 464
- D 466

Answer: C

Question 7

A sudden fall in the Barometric reading indicates ?

- A Rain
- B Storm
- C Hot Weather

D Extreme Cold

Answer: B

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Question 8

Which one of the following is a Self Employment Programme for Educated Unemployed Youth ?

A Prime ministers Rozgar Yojna

B Swarna Jayanti Sakahari Rozgar Yojna

C National Social Assistance Programme

D None of the above

Answer: A

Question 9

Alberuni came to India with

A Timur

B Babur

C Alexander

D Mahmud of Ghazni

Answer: D

Question 10

Parvasi Bhartiya Divas 2013 was held at:

A Jaipur

B Gandhinagar

C New Delhi

D Kochi

Answer: D

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Question 11

Which one of the following is an Enzyme ?

A Glucagon

B Insulin

C Somatrophin

D Trypsin

Answer: D

Question 12

Where is mullaperiyar dam located ?

- A Tamil Nadu
- B Kerala
- C Karnataka
- D None of the above

Answer: B

Question 13

The Jogbani -Biratnagar and Jaynagar -Bijalpura - Bardibas lines connect India to

- A Bangladesh
- B Nepal
- C Myanmar
- D Pakistan

Answer: B

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Question 14

If MATTER is coded as TAMRET then BEYOND is coded as :

- A EBOYDN
- B DNOYEB
- C YEBDNO
- D None of the above

Answer: C

Question 15

The Fort at Pulicat was built by :

- A Portuguese
- B British
- C French
- D Dutch

Answer: D

Question 16

Kabir was the disciple of :

- A Ramanuja
- B Ramananda
- C Shankaracharya
- D Chaitanya

Answer: B

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Question 17

A nursery has 5000 plants. 5% of the plants are roses and 1% is marigold. What is the total number of other plants ?

- A 4750
- B 4700
- C 4250
- D 4200

Answer: B

Question 18

Which of the following is not a Physical change ?

- A Dissolution of Oxygen in water
- B Dissolution of Carbon dioxide in water
- C Dissolution of sail in water
- D None of the above

Answer: C

Question 19

Among the following which is the only snake that builds a nest ?

- A Viper
- B Krail
- C Python
- D King Cobra

Answer: D

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Question 20

Which of the following minerals does not contain oxygen ?

- A Silicates
- B Carbonates
- C Pyrites
- D None of the above

Answer: C

Question 21

Chand Bibi was the ruler of:

- A Ahmednagar
- B Warangal
- C Gondwana
- D None of these

Answer: A

Question 22

"Parsec" is the unit of measurement of?

- A Density of stars
- B Astronomical distance
- C Brightness of Heavenly Bodies
- D Orbital Velocity of Giant Stars

Answer: B

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Question 23

Which of the following disease is caused by the bite of a mad dog?

- A Hydroceptecemia
- B Hydrocephatus
- C Hydrophobia
- D None of the above

Answer: C

Question 24

The phenomenon of summer sleep by animals is called :

- A Hibernation
- B Aestivation
- C salivation
- D None of the above

Answer: B

Question 25

If 15 boys earn Rs.900 in 5 days, how much will 20 boys earn in 7 days ?

- A Rs. 1980
- B Rs. 1820
- C Rs. 1780
- D Rs. 1680

Answer: D

Explanation:

Amount of money earned by a boy in a day = $\frac{900}{15 \times 5} = \text{Rs. } 12$

Hence, amount of money earned by 20 boys in 7 days = $20 \times 7 \times 12 = \text{Rs. } 1680$

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Question 26

The term "HUF" means:

- A Hindu Undivided Family
- B Hindu Unified Family
- C Highly Urbanised Family
- D None of the above

Answer: A

Question 27

The vitamin which is liable to be destroyed during cooking is

- A Vitamin A
- B Vitamin B6
- C Vitamin C
- D Vitamin K

Answer: C

Question 28

A fisherman can row 2 km against the stream in 20 minutes and return in 15 minutes. The speed of current is ?

- A 1 km/hr
- B 2 km/hr
- C 3 km/hr
- D None of the above

Answer: A

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Question 29

The first dynasty of the Vijayanagar Kingdom was :

- A Hoysala
- B Sangama
- C Saluva
- D Tuluva

Answer: B

Question 30

In whose reign Sanchi Stupa was built ?

- A Ashoka
- B Harshavardhan
- C Kanishka
- D Samudragupta

Answer: A

Question 31

"SWADHAR" is a scheme of Government of India for:

- A Unique identification number
- B Self employment scheme for youth
- C Women in difficult circumstances
- D Old age pension

Answer: C

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Question 32

Legislation of Widow Remarriage in India was first secured by :

- A Pandit Ramabai
- B Ishwar Chandra Vidyasagar
- C Maharshi Karve
- D Rajaram Mohan Roy

Answer: B

Question 33

Japanese Encephalitis is spread by:

- A Contaminated water
- B Air
- C Dog Bite
- D Mosquito

Answer: D

Question 34

What does AICTE stand for ?

- A All India Council for Technical Education
- B All India Centre for Technical Education
- C All India Centre for Training and Education
- D None of the above

Answer: A

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Question 35

The Nagarjuna Inscriptions provide information about:

- A Jainism
- B Buddhism
- C Brahmanism
- D None of the above

Answer: B

Question 36

The Sualkuchi Textile Park is located in which state of India ?

- A Karnataka
- B Jammu and Kashmir

- C Assam
- D Meghalaya

Answer: C

Question 37

Prohibition of discrimination on grounds of religion, race, caste, sex or place of birth is mentioned in :

- A Article 14
- B Article 15
- C Article 16
- D Article 17

Answer: B

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Question 38

The Characteristic feature of Virus is :

- A It multiplies only on dead animals
- B It multiplies only on hosts
- C It lacks Chlorophyll
- D It is made up of fats

Answer: B

Question 39

The bacterial conversion of Nitrogen into Nitrogen Compounds is called :

- A Nitrogenation
- B Nitrogen Fixation
- C Fertilisation
- D None of the above

Answer: A

Question 40

PON, RQP, TSR, VUT, ?

- A WUY, YXZ
- B UWV, ZXY
- C UVw, ZYX
- D XWV, ZYX

Answer: D

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Question 41

The term "Moderate" cannot be used to describe :

- A Gopal Krishna Gokhale
- B Dadabhai Naoroji
- C Pherozshah Mehta
- D Bipin Chandra Pal

Answer: D

Question 42

A body is dropped from a certain height above the ground. When it is half way down, it possesses.

- A Only Kinetic energy
- B Only Potential energy
- C Both Kinetic and Potential energy
- D Neither kinetic nor Potential energy

Answer: C

Question 43

A number whose double is 45 greater than its half is :

- A 50
- B 45
- C 40
- D 30

Answer: D

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Question 44

Jude Felix is a famous Indian player in which sports ?

- A Football
- B Hockey
- C Swimming
- D Badminton

Answer: B

Question 45

Baikonur Cosmodrome, the space launch facility, is located in :

- A Russia
- B Kazakhstan
- C Kyrgyzstan
- D Uzbekistan

Answer: B

Question 46

An Ant can see the objects all around it due to the presence of

- A Simple eyes
- B Eyes over its head
- C Well developed eyes
- D Compound eyes

Answer: D

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Question 47

What is the volume of a cube whose surface area is 150 m² (metre square) ?

- A 1125 cubic metres
- B 225 cubic mt!tres
- C 125 cubic metres
- D None of the above

Answer: C

Question 48

Which canal connects Mediterranean Sea with Red Sea ?

- A Corinthian canal
- B Grand canal
- C Panama canal
- D Suez canal

Answer: D

Question 49

Which of the following features and their source is wrongly matched ?

- A Judicial review - British Practice
- B Concurrent list - Australian Constitution
- C Directive principles - Irish Constitution
- D Fundamental Rights - US Constitution

Answer: A

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Question 50

Where is Almatti Dam located ?

- A Himachal Pradesh
- B Uttarakhand
- C Karnataka
- D Tamil Nadu

Answer: C

Question 51

Which of the following name/term is NOT associated with the World Trade Organisation (WTO)?

- A SEWA
- B UNCTAD
- C GATF
- D GATS

Answer: A

Question 52

Which of the following is NOT a condition for becoming citizen of India?

- A Birth
- B Acquiring property
- C Descent
- D Naturalisation

Answer: B

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Question 53

Antibiotic penicillin acts against bacterial by :

- A Killing the bacteria
- B Neutralising the bacteria
- C Blocking biochemical pathways important for bacteria
- D None of the above

Answer: C

Question 54

Who laid the foundation of Portuguese power in India ?

- A Vasco de Gama
- B St Thomas
- C Bartholomew Dias
- D Alfonso-de-Albuquerque

Answer: D

Question 55

Fiscal Deficit is :

- A Total imports and exports of a country
- B Gap between total receipts minus external borrowings
- C The difference between total revenue and total expenditure of the government.
- D None of the above

Answer: C

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Question 56

A person will have black, brown or blue eyes depending upon the pigment present in the :

- A Pupil
- B Iris
- C Cornea
- D Choroid

Answer: B

Question 57

In a Parliamentary form of government, real powers are vested in :

- A President
- B Parliament

- C Judiciary
- D Council of Ministers headed by the Prime Minister

Answer: D

Question 58

The frequency of sound waves can be expressed in :

- A Second
- B Cycle
- C Cycle per second
- D Metre per second

Answer: C

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Question 59

CE, FI, JL, MP, QS, ?_

- A TV, wy
- B TV, xy
- C TW, XZ
- D TV, XZ

Answer: C

Question 60

What does DBMS stand for ?

- A Database Maintenance System
- B Database Management System
- C Digital Base Management System
- D None of the above

Answer: B

Question 61

Where did the G20 summit held in September 2013 take place ?

- A St Petersburg
- B St. Helena
- C Brussels
- D New York

Answer: A

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Question 62

Which book was written by Dadabhai Naoroji on Poverty and economy under British rule?

- A Indian Economy under British raj
- B British Rule and Drain of Wealth
- C Poverty and Un-British Rule in India
- D None of the above

Answer: C

Question 63

It is six months long day in the Northern Polar region and six months long night in the South Polar region because

- A Revolution of the Earth
- B Earth is inclined towards its orbital plane
- C Rotation of the Earth
- D None of the above

Answer: B

Question 64

'SLINEX' is the joint naval exercise between :

- A India - Maldives
- B India - Sri Lanka
- C India - Singapore
- D India - South Korea

Answer: B

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Question 65

The first astronomical observatory of Harappan Civilization has been found at which of the following ancient sites ?

- A Ropar
- B Daimabad
- C Dholavira
- D None of the above

Answer: C

Question 66

Which among the following processes does not add suspended particulate matter to air ?

- A Usage of air conditioners
- B Burning of Fuels
- C Paper Industry
- D Combustion of coal

Answer: C

Question 67

Hampi is situated on the banks of which River?

- A Krishna
- B Cauvery
- C Tungabhadra
- D Godavari

Answer: C

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Question 68

The latest country (1/93rd) to become member of United Nations is :

- A Eretria
- B Republic of South Sudan
- C Bosnia and Herzegovina
- D None of the above

Answer: B

Question 69

The Indian Constitution is regarded as:

- A UnHary
- B Federal
- C Parliamentary
- D Federal in form and Unitary in spirit

Answer: D

Question 70

336, 224, 168, 140, 126, ?

- A 119
- B 118
- C 116
- D None of the above

Answer: A

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Question 71

Sachar Committee is related with :

- A Social, Economic and Educational status of Muslim Community India
- B Social, Economic and Educational status of Scheduled castes in India
- C Social, Economic and Educational status of Scheduled Tribes in India
- D None of the above

Answer: A

Question 72

Who gave the title 'Sardar' to Vallabhbhai Patel ?

- A J.L. Nehru
- B M.K. Gandhi
- C Maulana Azad
- D Sarojini Naidu

Answer: B

Question 73

A chemical whose pH is less than 7 is considered _____

- A Arcot
- B Acidic
- C Budikot
- D Devanhalli

Answer: B

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Question 74

Who is the Chairman of Fourteenth Finance Commission of India ?

- A Sushma Nath
- B Bimal Jalan
- C Y.V. Reddy
- D Subba Rao

Answer: C

Question 75

What is the title of the seventh and final book of Harry Potter series ?

- A Harry Potter and the Half Blood Prince
- B Harry Potter and the Goblet of Fire
- C Harry Potter and the Deathly hallows
- D Harry Potter and the Philosopher's Stone

Answer: C

Question 76

$0.0169 \div 0.013 = ?$

- A 0.13
- B 0.013
- C 1.3
- D 13

Answer: C

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Question 77

Birsa Munda srodium is located in :

- A Januhedpur
- B Bilaspur
- C Raipur
- D Ranchi

Answer: D

Question 78

In a 500m race. the ratio of the speeds of A and B is 3 : 4. A has a start of 140 m. A wins by:

- A 10m
- B 20m

- C 30m
- D None of the above

Answer: B

Question 79

Which one of the following is the period of Eleventh Five Year Plan?

- A 2006 - 2011
- B 2007 - 2012
- C 2005 - 2010
- D 2008 - 2013

Answer: B

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Question 80

In which of the following state Teesta Urja Hydro Power Projects is proposed to be set up?

- A Arunachal Pradesh
- B West Bengal
- C Meghalaya
- D Sikkim

Answer: D

Question 81

At what price should Shyam sell a pair of shoes which costs him Rs. 1200 so as to gain 12% after allowing a discount of 16%.

- A Rs. 1344
- B Rs. 1434
- C Rs. 1527
- D Rs. 1600

Answer: C

Explanation:

given

$$cp = 1200$$

to gain 12% as profit the selling price must be

$$112\% \text{ of } 1200 = 1344$$

now, let marked price be x as to receive a overall profit of 12% after 16% discount

$$\text{after discount } (100-16)\% = 88\%$$

we know that discount on marked price gives selling price whereas profit or loss is calculated on cost price

$$\text{so now } 88\% \text{ of } x = 1344$$

therefore $x = 1527$

therefore price at which it is sold is Rs 1527

Question 82

Who was the first woman to win Sahitya Academy Award?

- A Mahashweta Devi
- B Mahadevi Verma
- C Amrita Pritam
- D Indira Goswami

Answer: C

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Question 83

Which among the following pairs is wrong ?

- A Nizam Shahis - Ahmednagar
- B Adil Shahis - Bijapur
- C Barid Shahis - Berar
- D Qutub Shahis - Golconda

Answer: C

Question 84

Gopal Hari Deshmukh the famous social reformer from Maharashtra is also known as:

- A Lokmanya
- B Atmabandhu
- C Lokapriya
- D Lokhitavadi

Answer: D

Question 85

Who was the first Indian bowler to take Hat - Trick in Test Cricket :

- A Kapil Dev
- B Anil Kumble
- C Ravi Shastri
- D Harbhajan Singh

Answer: D

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Question 86

Which among the following statement is NOT true about Aneroid barometer ?

- A It does not contain liquid
- B It is heavy in weight
- C It is portable
- D None of the above

Answer: B

Question 87

Substances which dissolve in moisture when exposed to it are called :

- A Hygroscopic
- B Efflorescent
- C Deliquescent
- D Fluorescent

Answer: A

Question 88

When is World Environment Day observed ?

- A 8th March
- B 22nd April
- C 5th June
- D None of the above

Answer: C

Question 89

10, 14, 25, 55, 140, ?

- A 386
- B 388
- C 398
- D None of the above

Answer: A

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Question 90

The greatest number of three digits which is a perfect square is:

- A 981
- B 971
- C 964
- D 961

Answer: D

Question 91

Where will the XX Commonwealth games be held ?

- A Canberra
- B Glasgow
- C Abuja
- D None of the above

Answer: B

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Question 92

The concept of "Welfare State" is defined in :

- A Preamble
- B Fundamental Rights
- C Directive Principles
- D Fundamental Duties

Answer: C

Question 93

A train 270m long is moving at a speed of 25kmph. It will cross a man coming from the opposite direction at a speed of 2kmph in :

- A 24 sec
- B 30 sec
- C 36 sec
- D None of the above

Answer: C

Question 94

A body at rest can have :

- A Speed
- B Velocity
- C Momentum
- D Energy

Answer: D

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Question 95

A swimming pool is 20m long 15m wide and 3m deep. What will be the cost of repairing the floor and wall of the pool at the rate of Rs.25 per square metre ?

- A Rs. 17,250
- B Rs. 15,720
- C Rs . 12,750
- D None of the above

Answer: C

Explanation:

Total surface area to be painted = $(15 \times 20) + 2(15 \times 3) + 2(20 \times 3) = 510 \text{ m}^2$

Hence, the cost incurred = $510 \times 25 = \text{Rs. } 12750$

Therefore, option C is the correct answer.

Question 96

A number consists of two digits whose sum is 9. If 27 is subtracted from the number, its digits are reversed. The number is :

- A 72
- B 63
- C 45
- D None of the above

Answer: B

Question 97

Ram requires 40% to pass, If he gets 185 marks, he fails by 15 marks. What were the maximum marks in the exam ?

- A 400
- B 450
- C 500
- D 800

Answer: C

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Question 98

Who was the first Secretary-General of United Nations ?

- A Trygve Lie
- B Dag Hammarskjold
- C U Thant
- D None of the above

Answer: A

Question 99

Clay shows plasticity when :

- A Right amount of water is added to it
- B It is strongly heated
- C It is dried at room temperature after kneading
- D None of the above

Answer: A

Question 100

The shape of our Galaxy Milky way is

- A Elliptical
- B Circular
- C Spiral
- D None of the above

Answer: C

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