



RRB NTPC 22 April 2016 - Shift 2

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature without the permission of cracku.in, application for which shall be made to support@cracku.in

RRB NTPC 22 April 2016 - Shift 2

Instructions

For the following questions answer them individually

Question 1

Which of the following rebellions was NOT against restrictions imposed by the British rulers?

- A Faqir and Sanyasi Rebellion
- B The Indigo rebellion
- C Santhal Rebellion
- D Naxalbari Rabeillion

Answer: D

RRB NTPC Previous Papers (Download PDF)

Question 2

Which country does Roger Federer represent in Lawn Tennis competitions?

- A Serbia
- B US
- C Switzerland
- D UK

Answer: C

Instructions

Read the following passage and answer the questions based on it.

- (i) Radha, Rekha, Rakhi, Ragini, Rashmi, Reema and Renu are sitting around a circle facing the center.
- (ii) Reema is not an immediate neighbor of Rashmi.
- (iii) Radha is to the immediate right of Ragini.
- (iv) Rekha is second to the left of Reema.
- (v) Radha is third to the left of Renu.

Question 3

Which of the following pairs of persons has the first person sitting to the immediate left of second person?

- A Radha-Reema
- B Rakhi-Rekha
- C Reema- Rakhi
- D Ragini-Rashmi

Answer: C

Question 4

Who is second to the left of Ragini?

- A Reema

B Rakhi

C Radha

D Rasluni

Answer: A

RRB NTPC Free Mock Tests

Question 5

Which of the following groups has the first person sitting between the other two?

A Reema-Rasluni-Radha

B Rakhi-Ragini-Reema

C Renu-Rekha-Ragini

D Renu-Rekha-Rakhi

Answer: B

Instructions

For the following questions answer them individually

Question 6

What is the chemical name of common salt that we eat?

A Sodium bicarbonate

B Sodium chloride

C Sodium salicylate

D Sodium hydroxide

Answer: B

Question 7

If 39574 is written as XPLMD, and 0826 as TBNQ, then DBMTX will be coded as

A 48730

B 48603

C 48703

D 48743

Answer: C

Explanation:

39574 is written as XPLMD, and 0826 as TBNQ

D → 4
B → 8
M → 7
T → 0
X → 3

DBMTX=48703

RRB JE Previous Papers (Download Pdf)

Question 8

The gland in the human body which secretes both enzymes and hormones is:

- A Liver
- B Pancreas
- C Salivary gland
- D Pituitary

Answer: B

Question 9

Which one of the following countries' official language is Dari, a form of Persian?

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

Answer: D

Question 10

Who is the current Minister of State for Commerce and Industry?

- A Nirmala Sitharaman
- B Vasundhara Raje Scindia
- C Smriti Irani
- D Sushma Swaraj

Answer: A

RRB JE Free Mock Test

Question 11

In India, most villages suffer due to one of the following and not the others:

- A Air pollution
- B Sound pollution
- C Radiation pollution
- D Water pollution

Answer: D

Question 12

Given $w = -2$, $x = 3$, $y = 0$ & $z = -\frac{1}{2}$. Then find the value $2x(w - z)$.

- A -9
- B 9
- C 8
- D -8

Answer: A

Explanation:

$$2x(w - z)$$

$$2 \times 3(-2 - (-\frac{1}{2}))$$

$$-9$$

Question 13

Which of the following organizations were NOT formed outside India to help in the struggle for Indian independence?

- A India House
- B Gadar Party
- C Hindustan Socialist Republican Association
- D Berlin Committee

Answer: C

Daily Free RRB Online Test

Question 14

Two numbers are in ratio 4:9 and their HCF is 11. Their LCM is:

- A 396
- B 44
- C 99
- D 400

Answer: A

Explanation:

$$a, b = 4, 9$$

$$LCM = HCF \times a \times b$$

$$= 11 \times 4 \times 9$$

$$= 396$$

Question 15

Ashok Pillar of Delhi has baffled scientists as it weathers all vagaries of weather and yet does not rust or corrode. Which is it made of

- A Iron
- B Bronze
- C Terracotta
- D Single rock stone

Answer: A

Question 16

Interchanging which two signs will make the following equation correct? $15 + 3 \times 9 - 4 \div 16 = 57$

- A $-$ and $+$
- B $-$ and \div
- C $-$ and \times
- D $+$ and \div

Answer: D

Explanation:

$+$ and \div

Given equation $15 + 3 \times 9 - 4 \div 16 = 57$

interchange $+$ and \div

$$15 \div 3 \times 9 - 4 + 16 = 45 + 12 = 57$$

RRB Group-D Previous Papers

Question 17

Which unit is used to measure Noise?

- A Decibel
- B Hertz
- C Ohm
- D Volt

Answer: A

Question 18

An assertion and a reason are given below.

Assertion: India is a Sovereign country.

Reason: Its parliament is placed in Delhi.

Choose the answer.

- A Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- B Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- C Both Assertion and Reason are false.
- D Assertion is true but Reason is false.

Answer: B

Question 19

Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements

Statement:

Domestic demand has been increasing faster than the production of indigenous crude oil.

Conclusions:

I. Crude oil must be imported.

II. Domestic demand must be reduced.

- A Only conclusion I follows.
- B Only conclusion II follows.
- C Neither I nor II follows.
- D Both I and II follow.

Answer: C

RRB Free Videos (You Tube Channel)

Question 20

A jug has two holes. The 1st hole alone makes the jug empty in 15 minutes and 2nd hole alone makes the jug empty in 20 minutes. If water leaks out at a constant rate, how long in minutes does it take if both the holes together empty the jug?

- A $\frac{4}{7}$
- B $\frac{4}{77}$
- C $\frac{5}{87}$
- D $\frac{4}{87}$

Answer: D

Question 21

Sharad introduced Meena as his son's paternal grandfather's only sister. How is Meena related to Sharad?

- A Mother
- B Sister

C Paternal Aunt

D Daughter

Answer: C

Question 22

The length of a diagonal in cm of a rectangle of length 9 cm and width 6 cm is:

A $3\sqrt{13}$

B $\pm 3\sqrt{13}$

C $3\sqrt{5}$

D $\pm 3\sqrt{5}$

Answer: A

20 RRB NTPC Mocks-Tests Rs.149

Question 23

Degradation of global environment has not resulted in one of the following.

A Biodiversity loss

B Increased Carbon-di-oxide concentration in the atmosphere

C Exposure to UV radiations

D Landfills

Answer: D

Question 24

A mobile bill costs Rs 10 for 3 minutes 30 seconds. What is the cost in rupees for 4 minutes 10 seconds? (rounded to one decimal).

A 11.9

B 12

C 11.8

D 11.7

Answer: A

Question 25

Satish Dhawan Space Centre is located in:

A Uttar Pradesh

B Madhya Pradesh

C Andhra Pradesh

D Tamil Nadu

Answer: C

10 RRB JE Mocks-Tests Rs.117

Question 26

Bloodless surgery is done with

- A Lasers
- B Microneedles
- C Scalpels
- D Fine scissors

Answer: A

Question 27

Compute $35968 \div 562 \div 8 = ?$

- A 80
- B 512
- C 8
- D 521

Answer: C

Explanation:

$$\begin{aligned} &= 35968 \div 562 \div 8 \\ &= 64 \div 8 \\ &= 8 \end{aligned}$$

Question 28

Monica takes 9 hrs 15 minutes in walking a distance and riding back to same place where she started. She could walk both ways in 11 hrs 12 minutes. The time taken by her to ride back both ways is:

- A 7 hrs 18 min
- B 7 hrs 35 min
- C 7 hrs 45 min
- D 7 hrs 15 min

Answer: A

Explanation:

Time taken in walking(W) And riding (R) back=

$$W+R=9 \text{ hrs } 15 \text{ minutes} \dots\dots 1$$

$$W+W=11 \text{ hrs } 12 \text{ minutes}$$

$$2W=11 \text{ hrs } 12 \text{ minutes} \dots\dots 2$$

Multiply 1 by 2

$$2W+2R=18 \text{ hrs } 30 \text{ minutes} \dots\dots 3$$

from 2 and 3

2R=18 hrs 30 minutes-11 hrs 12 minutes

2R=7 hrs 18 minutes

RRB General Science Notes (Download Pdf)

Instructions

Read the table and answer the questions based on it.

The table below represents the distance (in km) travelled by six trucks on six different days of the week.

Day	Truck					
	P	Q	R	S	T	U
Monday	240	250	320	325	330	300
Tuesday	320	264	308	314	318	314
Wednesday	324	294	330	312	310	325
Thursday	288	300	310	278	260	275
Friday	366	302	288	292	270	268
Saturday	292	284	260	274	280	242

Question 29

If to travel the given distance, the time taken by Truck Q on Friday was 8 hours, then what was its average speed on that day?

- A 37.75km/hr
- B 42.50 km/hr
- C 28.25 km/hr
- D 32.25 kn/hr

Answer: A

Explanation:

$$\text{Avg Speed} = \frac{\text{Total distance}}{\text{Time}}$$

$$\text{Avg Speed} = \frac{302}{8}$$

37.75km/hr

Question 30

What is the average distance travelled by Truck S on all the days together?

- A 296 km
- B 1795/6 km
- C 198 km
- D 199 km

Answer: B

Explanation:

Total distance travelled by Truck S=325+314+312+278+292+274=1795

average =1795/6 km

Question 31

What is the total distance travelled by all the trucks together on Saturday?

- A 1623 km
- B 1263 km
- C 1362 km
- D 1632 km

Answer: D

Explanation:

total distance travelled on sunday=292+284+260+274+280+242=1632km

RRB GK Material (Download Pdf)

Instructions

For the following questions answer them individually

Question 32

To prevent rancidity of oil (due to oxidation) in which potato chips are fried, the bags of chips are flushed with the gas

- A Oxygen
- B Hydrogen
- C Nitrogen
- D Chlorine

Answer: C

Question 33

Mr. Piyush sold a bus for Rs.3400 with a loss of 15%. At what price should the bus be sold to get a profit of 15%?

- A 4500
- B 4300
- C 4700
- D 4600

Answer: D

Explanation:

85% of bus=3400

find 115%

$$= 115 \times \frac{3400}{100}$$

$$= 4600$$

Question 34

If TRACTER =14 and TROLLEY = 14, then SCOOTER =

- A 24

- B 14
- C 28
- D 30

Answer: B

Explanation:

TRACTER has 7 elements

$$7 \times 2 = 14$$

TROLLEY has 7 element

$$7 \times 2 = 14$$

SCOOTER has 7 elements

$$7 \times 2 = 14$$

Join Competitive Exam Updates Telegram Group

Question 35

Choose the pair which is related in the same way as the words in the first pair from the given choices. LUNG : MAN :: GILL :

- A FISH
- B COW
- C PEACOCK
- D BIRD

Answer: A

Explanation:

Man has lung . similarly fish has gills

Question 36

Divide Rs.156 in the ratio 1:2:4:5. The rupees in the respective ratios are given by:

- A 13, 26, 53 & 64
- B 13, 26, 51 & 66
- C 13, 26, 52 & 65
- D 13, 25, 53 & 65

Answer: C

Explanation:

Let the term are x,2x,4x,5x

then

$$x+2x+4x+5x=156$$

$$12x=156$$

$$x=13$$

13,26,52,65

Instructions

Read the data given below and answer the questions based on it.

There were 3 sections namely A, B, and C in a test. Out of three sections, 33 students passed in Section A. 34 students passed in Section B and 32 passed in Section C. 10 students passed in Section A and Section B. 9 passed in Section B and Section C, 8 passed in Section A and Section C. The number of students who passed each section alone was equal and was 21 for each section.

Question 37

The ratio of the number of students passed in one or more of the sections to the number of students who passed in Section A alone is:

- A 78/21
- B 3
- C 73/21
- D 75/21

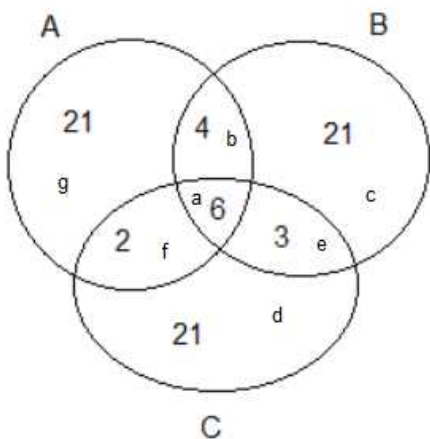
Answer: A

Explanation:

total student=78

The student passed only in A is represent g i.e.=21

So ratio=total student/g=78\21



RRB NTPC Previous Papers (Download PDF)

Question 38

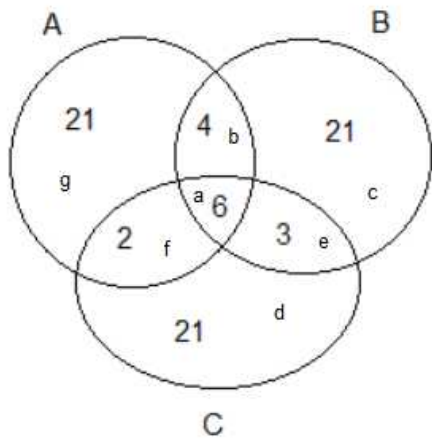
How many passed all the three sections?

- A 3
- B 6
- C 5
- D 7

Answer: B

Explanation:

Section a represent the no of student passed in all the three sections i.e 6



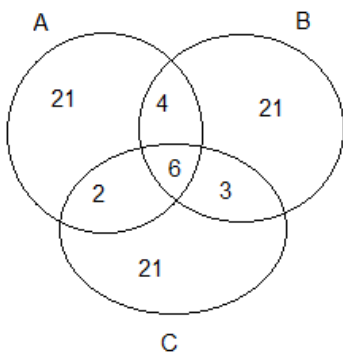
Question 39

How many passed only one of the three sections?

- A 21
- B 42
- C 63
- D 52

Answer: C

Explanation:



$$=21+21+21=63$$

Instructions

For the following questions answer them individually

Question 40

Which of the storage device of computers has now become obsolete?

- A Floppy
- B CD ROM
- C Pen drive
- D Hard disk

Answer: A

RRB NTPC Free Mock Tests

Question 41

An assertion and a reason are given below.

Assertion: Water is essential for life.

Reason: It is formed using three parts of Hydrogen and one part of Oxygen.

Choose the answer.

- A Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- B Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- C Both Assertion and Reason are false.
- D Assertion is true but Reason is false.

Answer: D

Explanation:

Reason is false because combination of 2 parts of hydrogen and one part of oxygen makes water

Question 42

Compute $7497 \div 147 - 8 = ?$

- A -20
- B 20
- C $\frac{7497}{116}$
- D 43

Answer: D

Explanation:

$$= 7497 \div 147 - 8$$

$$51 - 8 = 43$$

Question 43

Bhimbetka caves are located in:

- A Uttar Pradesh
- B Madhya. Pradesh
- C Andhra Pradesh
- D Himachal Pradesh

Answer: B

RRB JE Previous Papers (Download Pdf)

Question 44

If " \div " denotes "multiplication", " $-$ " denotes "addition", " $+$ " denotes "division" and " \times " denotes "subtraction", then which of the following is the value of the expression

$$19 \div 9 \times 51 - 171 + 19$$

- A 143
- B 129
- C 179
- D 151

Answer: B

Explanation:

$$= 19 \times 9 - 51 + 171 \div 19$$

$$= 171 - 51 + 9$$

$$= 129$$

Question 45

The Hubble Space Telescope, which belongs to , captured the first-ever predicted supernova explosion.

- A USA
- B UK
- C Canada
- D Russia

Answer: A

Question 46

Which is the correct ascending order of the given numbers?

- A $\frac{3}{7}, 0.3, \frac{2}{7}$
- B $0.3, \frac{2}{7}, \frac{3}{7}$
- C $\frac{2}{7}, 0.3, \frac{3}{7}$
- D $\frac{2}{7}, \frac{3}{7}, 0.3$

Answer: C

Explanation:

$$\frac{2}{7}, 0.3, \frac{3}{7}$$

$$\frac{2}{7}, \frac{3}{10}, \frac{3}{7}$$

taking LCM of Denominator of all the fractions

$$\text{LCM } (7,10,7)=70$$

Making Denominator of all the fractions same then we get

$$\frac{20}{70}, \frac{21}{70}, \frac{30}{70}$$

So, from the above fractions clearly they are in ascending order.

RRB JE Free Mock Test

Question 47

Which instrument does Dr. L. Subramaniam play?

- A Sitar
- B Sarod
- C Violin
- D Guitar

Answer: C

Question 48

Among, the democratic countries of the world, which country's constitution is the lengthiest and most detailed?

- A US
- B UK
- C South Africa
- D India

Answer: D

Question 49

Monal Kumar travelled equal distance with speed of 3 km/hr, 5 km/hr and 8 km/hr and takes a total time of 39.5 minutes. Find the total distance in km.

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

Answer: D

Explanation:

Let the equal distance travelled be x km
 Therefore total distance travelled = 3x km
 Recall that, time taken = distance/speed
 Hence by the given problem, we have

$$\frac{x}{3} + \frac{x}{5} + \frac{x}{8} = \frac{39.5}{60}$$

$$\frac{40x + 24x + 15x}{120} = \frac{39.5}{60}$$

$$79x = 79$$

Therefore, x = 1

Thus the total distance travelled = 3x = 3 × 1 = 3km

Daily Free RRB Online Test

Question 50

If "—" and "×" signs as well as "7" and "3" are interchanged, then which of the one following is correct?

- A $20 \times 1 - 7 = 3$
- B $1 \times 20 - 7 = 20$

C $3 - 7 \times 1 = 20$

D $20 - 3 \times 1 = 7$

Answer: C

Explanation:

$$3 - 7 \times 1 = 20$$

"-" and "×" signs as well as "7" and "3" are interchanged

$$= 7 \times 3 - 1$$

$$= 20$$

Question 51

Out of the FIFA World Cup awards which one is awarded to the best goal keeper?

A Golden Boot

B Golden Ball

C Golden Glove

D Golden Cap

Answer: C

Question 52

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

EDITOR : MAGAZINE :: : DRAMA.

A PLAY

B ARTISTS

C STAGE

D DIRECTOR

Answer: D

Explanation:

Magazine editors are responsible for planning the content and publishing schedule of the **magazine** they oversee

Drama is also a type of a play written for theater, television, radio, and film. **D irector** in the **theatre** field who oversees and orchestrates the mounting of a **theatre** production by unifying various endeavours and aspects of production.

RRB Group-D Previous Papers

Question 53

To which country does the 'MOST' (Microvariability and Oscillation of Stars) Space Telescope belong?

A India

B Canada

C Russia

D USA

Answer: B

Question 54

From the given series of jumbled letters separate the names of flower and tree and select from the given choices the first letter of the name of flower and tree "saltoteuk"

- A SR
- B RE
- C LK
- D LT

Answer: D

Question 55

If TIGER is coded as REGIT, how is LEOPARD coded?

- A DRAOPLE
- B DRAPLED
- C DRAPOEL
- D DRAOPEL

Answer: C

RRB Free Videos (You Tube Channel)

Question 56

Which one of the three rivers at Triveni Sanaarn, Allahabad, is an underground river?

- A Ganges
- B Yamuna
- C Saraswati
- D Kaveri

Answer: C

Question 57

Mr. Yudish borrowed Rs.3500 at 4% per annum compound interest. The compound interest compounded annually for 2 years is:

- A 285.6
- B 3785.6
- C 3758.6
- D 258.6

Answer: B

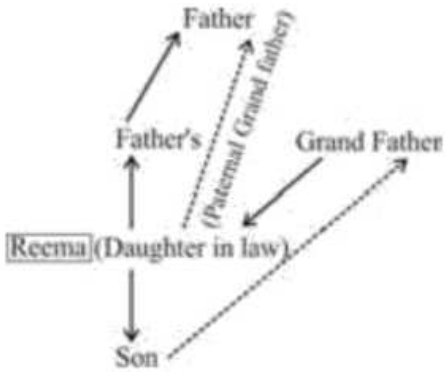
Question 58

Reema pointed towards a painting and said, "He is my son's paternal grandfather's only daughter-in-law's father's father". How is he related to Reema?

- A Paternal Uncle
- B Paternal Grandfather
- C Maternal Grandfather
- D Father

Answer: B

Explanation:



The diagram is very confusing. The lines are mixing up and also no explanation written.

20 RRB NTPC Mocks-Tests Rs.149

Question 59

Mr. Yashwanth invested money in PD. How much will he get on maturity, if Rs.10000 is invested at 20% per annum compound interest for 6 months, compounded quarterly?

- A 11025.25
- B 11025
- C 11025.75
- D 11025.5

Answer: B

Explanation:

Principal = Rs. 16000; Time = 9 months = 2 quarters;
Rate = 20% per annum = 5% per quarter.

$$AMOUNT = P \left[1 + \frac{R}{100} \right]^{4N}$$

where $N = \frac{2}{4}$

$$AMOUNT = 16000 \left[1 + \left(\frac{5}{100} \right)^2 \right]$$

$$AMOUNT = 16000 \left[\frac{105}{100} \right]^2$$

$$Amount = 11025$$

Question 60

In November 2015, the Government of India announced an increase in FDI for 'News and current affairs channels' from 26% to

- A 49%
- B 51%
- C 100%
- D 75%

Answer: A

Explanation:

The *FDI* limit in *news channels* and private FM radio was raised to 49 per cent, up from 26 per cent

Question 61

Sundarbans is the largest single block of tidal halophytic _____ forest in the world.

- A Woody shrubs
- B Papyrus
- C Mangrove
- D Marsh

Answer: C

10 RRB JE Mocks-Tests Rs.117

Question 62

Which of the following is a branch of technology that deals with dimensions and tolerances of less than 100 nanometers, especially the manipulation of individual atoms and molecules?

- A Biotechnology
- B Femtotechnology
- C Nanotechnology
- D Microtechnology

Answer: C

Question 63

The variance of a set of data is 144. Then the standard deviation of the data is:

- A ± 12
- B 12
- C 44
- D 72

Answer: B

Explanation:

We are given that the variance of the data values in a sample = 144

Since we know that the value of variance is the square of standard deviation.

Therefore, to find the value of standard deviation by using variance, we need to find the square root of the variance.

i.e.

$$\text{Standard Deviation} = \sqrt{\text{Variance}}$$

$$\text{Standard Deviation} = \sqrt{144} = \sqrt{12^2} = 12$$

Question 64

A shopkeeper cheats to the extent of 9% while buying and selling fruits, by using tampered weights. His total gain in percentage is:

- A 18.25
- B 18.81
- C 18.75
- D 18.5

Answer: B

Explanation:

We know that formula of Gain % is :

$$[\{(100 + \text{common gain \%})^2 / 100\} - 100] \%$$

Shopkeeper cheats to the extent of 9% in time of buying and selling fruits. So, common gain % is 9 %.

Now, we have to put the values of common gain % in above formula and we get : $(\frac{(100+9\%)^2}{100} - 100)\%$

$$= 118.81 - 100 \%$$

$$= 18.81 \%$$

Total gain in percentage is 18.81.

RRB General Science Notes (Download Pdf)

Question 65

Which of the following is a wrong example of friction?

- A Washing machine pushed along a floor
- B Sled sliding across snow
- C A person sliding down a slide
- D A person lifting an heavy object

Answer: D

Question 66

If $\sin x = \frac{4}{5}$, then $\frac{\tan x}{\cot x} = ?$

- A $\frac{13}{9}$
- B $\frac{3}{4}$
- C $\frac{9}{16}$
- D $\frac{16}{9}$

Answer: D

Explanation:

$$\frac{\tan x}{\cot x} = \tan^2 x \quad \{\cot x = \frac{1}{\tan x}\}$$

We know $\tan x = \frac{\sin x}{\cos x}$

$$= \frac{\sin^2 x}{\cos^2 x} - 1$$

Given $\sin x = \frac{4}{5}$

$\cos x = \text{base/hypotenuse}$

$$\text{base}^2 = \text{hypotenuse}^2 - \text{Perpendicular}^2$$

$$= 5^2 - 4^2 = 25 - 16 = 9$$

base=3, Cos x= $\frac{3}{5}$

Put in equation one

$$= \left(\frac{\frac{4}{5}}{\frac{3}{5}}\right)^2$$

$$= \left(\frac{4}{3}\right)^2$$

$$= \frac{16}{9}$$

Question 67

Prior to independence, the first Indian jute mill was set up in

- A Gujarat
- B Bengal
- C Odisha
- D Maharashtra

Answer: B

RRB GK Material (Download Pdf)

Question 68

.css file extension usually refers to what kind of file?

- A Image File
- B System File
- C Animation File
- D Hypertext related File

Answer: D

Question 69

The number of sides of a regular polygon whose exterior angles are each 45 is:

- A 7
- B 6
- C 8

D 9

Answer: C

Explanation:

A **regular** octagon has eight equal **sides** and eight equal **angles**. (a) Calculate the size of **each exterior angle** in the **regular** octagon. We do this by dividing 360° by **the number of sides**, which is 8. The answer is $360^\circ \div 8 = 45^\circ$.

Question 70

The cash difference between the selling price of an article at a profit of 2% and 14% is Rs.3. The ratio of two selling prices is:

A 17:19

B 17:20

C 19:20

D 17:53

Answer: A

Join Competitive Exam Updates Telegram Group

Question 71

If signs $-$ and \times , and numbers 5 and 14 are interchanged, then the value of $5 + 4 = 2 - 8 \times 14$ is

A 15

B 20

C 25

D 30

Answer: C

Question 72

The most recently discovered link in human evolution is the discovery of fossils of:

A Lucy

B Homo naledi

C Homo sapiens

D Austriopitelines

Answer: B

Question 73

Aquarium is a container in which there are living fish and aquatic plants. Which statement about aquarium is correct?

A It is human made ecosystem

B It is a natural ecosystem

C It is not an ecosystem at all

D It can only be termed a community

Answer: A

RRB NTPC Previous Papers (Download PDF)

Question 74

Simplify: $2^4 \div 2^{-1}$

A $1/32$

B 16

C 32

D 8

Answer: C

Question 75

Correct expression of 0.0236 = ?

A $\frac{13}{550}$

B $\frac{236}{1000}$

C $2\frac{36}{1000}$

D $\frac{13}{555}$

Answer: A

Question 76

The other term for genetic engineering is:

A DNA fingerprinting

B DNA editing

C Recombinant DNA technology

D Gene therapy

Answer: C

RRB NTPC Free Mock Tests

Question 77

The mode of the data -3, 4, 0, 4, -2, -5, 1, 7, 10, 5 is:

A 0

B 4

C -2

D 7

Answer: B

Question 78

Mouma Das and Soumyajit Ghosh represent India in:

A Table Tennis

B Badminton

C Tennis

D Carrom

Answer: A

Question 79

Compute of $54367 \times 9999=?$

A 546315633

B 543655633

C 543651633

D 543615633

Answer: D

RRB JE Previous Papers (Download Pdf)

Question 80

HIV is passed from one person to another in all of the following ways except:

A Mosquito bite

B Breast Feeding

C Sharing Needles

D Sexual Contact

Answer: A

Question 81

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

CLIMB : TREE :: :

A ROW : SHIP

B RISE : TOP

C ASCEND : CLIFF

D FILE : FINGER

Answer: C

Question 82

Choose the pair which is related in the same way as the words in the first pair from the given choices. ROASTER: DUTY:: INVENTORY:

- A GOODS
- B SALES
- C EXPORT
- D PRODUCTION

Answer: A

RRB JE Free Mock Test

Question 83

Yuvraj is Dipti's mother's father's only granddaughter's son's cousin. How is Yuvraj related to Dipti?

- A Nephew
- B Son
- C Maternal Uncle
- D Grandson

Answer: A

Question 84

The order of rotational symmetry of a rhombus is:

- A 1
- B 4
- C 2
- D 0

Answer: C

Question 85

The first human to travel in space -

- A Neil Armstrong
- B Yuri Gagarin
- C Edwin Aldrin
- D Valentina Tereshkova

Answer: B

Daily Free RRB Online Test

Question 86

Which Hollywood star has been confirmed to act with Indian actor Rajnikanth in upcoming film Enthiran 2?

- A Dwayne Johnson
- B Vin Diesel
- C Arnold Schwarzenegger
- D Sylvester Stallone

Answer: C

Question 87

Simplify $7x + 3x(x - 4) = ?$

- A $10x + 12$
- B $10x - 12$
- C $3x^2 + 5$
- D $3x^2 - 5$

Answer: D

Question 88

If the product of two numbers is 3192 and their LCM is 56 then their HCF is:

- A 58
- B 59
- C 56
- D 57

Answer: D

RRB Group-D Previous Papers

Question 89

What is galvanized iron?

- A A form of steel
- B Zinc coated iron
- C Pig iron
- D Iron ore

Answer: B

Question 90

The building up and movement of ships is based on:

- A Archimedes' principle
- B Faradays laws
- C Fleming's right hand rule
- D Newton's 2nd law of motion

Answer: A

Question 91

The mean deviation of the data 2, 9, 9, 3, 6, 9, 4 from the mean is:

- A $\frac{42}{7}$
- B $\frac{18}{7}$
- C 2.5
- D $\frac{50}{7}$

Answer: B

Explanation:

1. Find the mean of all values

$$= \frac{2+9+9+3+6+9+4}{7}$$

$$\text{mean} = 6$$

2. Find the **distance** of each value from that mean (subtract the mean from each value, ignore minus signs)

3. Then find the **mean of those distances**

$$\text{meandeviation} = \frac{4+3+3+3+0+3+2}{7}$$

$$\text{meandeviation} = \frac{18}{7}$$

RRB Free Videos (You Tube Channel)

Question 92

Prashanth is twice as good a sportsman as Tarun and together they finish a piece of work in 21 days. In how many days will Tarun alone finish the work?

- A 42
- B 63
- C 84
- D 50

Answer: B

Explanation:

Let the work done by Tarun in 1-day = 'x'.

Given that prashanth is twice as good as Tarun.

Then the work done by prashanth in 1-day = '2x'.

Given that together they finish the work in 21 days.

So, work done by them in 1-day = $\frac{1}{21}$

$$\Rightarrow x + 2x = \frac{1}{21}$$

$$\Rightarrow 3x = \frac{1}{21}$$

$$\Rightarrow x = \frac{1}{63}$$

So, Tarun alone can complete the work in 63 days.

Question 93

Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements

Statements:

A. If all players play to their full potential, we will win the match.

B. We have won the match.

Conclusions:

I All players played to their full potential.

II. Some players did not play to their full potential.

A Only conclusion II follows

B Only conclusion I follows.

C Neither I nor II follows

D Both I and II follow.

Answer: B

Explanation:

The statement asserts that match can be won only if all the players play to their full potential. So, only I follows while II does not.

Question 94

Even before East India Company consolidated power, India was exporting fine textiles made of:

A only cotton

B only silk

C only nylon

D cotton and silk

Answer: D

20 RRB NTPC Mocks-Tests Rs.149

Question 95

If COUNTER is coded as NTERCOU, then ANALOGY is coded as

A LOGYAAN

B LOGAYNA

C LOGYANA

D LGOYNAA

Answer: C

Explanation:

As,
C O U N T E R
N T E R C O U

Similarly,
A N A L O G Y
L O G Y A N A

Question 96

If $\tan A = \frac{15}{8}$ and $\tan B = \frac{7}{24}$, then $\tan(A + B) = ?$

A $\frac{416}{87}$

B $\frac{87}{416}$

C $\frac{304}{297}$

D $\frac{297}{304}$

Answer: A

Question 97

Which of the following is NOT a fundamental right of an Indian Citizen?

A Right to Equality

B Right to Privacy

C Right to Life

D Right against Exploitation

Answer: B

10 RRB JE Mocks-Tests Rs.117

Question 98

Which one of the following insects cannot be called a 'social insect'?

A Bees

B Crickets

C Termites

D Ants

Answer: B

Question 99

Solve: $-4 = -7 + 3x$.

A -1

B 1

C $\frac{11}{3}$

D ${}_{-11}^3$

Answer: B

Question 100

An assertion and a reason are given below.

Assertion: The phenomenon of nuclear fission generates great energy.

Reason: The process in which a nucleus is broken into two parts is called nuclear fission.

Choose the answer.

- A Both Assertion and Reason are true and Reason is the correct explanation of Assertion.
- B Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
- C Both Assertion and Reason are false.
- D Assertion is true but Reason is false.

Answer: B

[RRB General Science Notes \(Download Pdf\)](#)

[RRB NTPC Previous Papers \(Download PDF\)](#)

[RRB NTPC Free Mock Tests](#)

[RRB JE Previous Papers \(Download Pdf\)](#)

[RRB JE Free Mock Test](#)

[Daily Free RRB Online Test](#)

[RRB Group-D Previous Papers](#)

[RRB Free Videos \(You Tube Channel\)](#)

[20 RRB NTPC Mocks-Tests Rs.149](#)

[10 RRB JE Mocks-Tests Rs.117](#)

[RRB General Science Notes \(Download Pdf\)](#)

[RRB GK Material \(Download Pdf\)](#)

[Join Competitive Exam Updates Telegram Group](#)

