



RRB JE 28th May 2019 Shift-1

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 JE 28th May 2019 Shift-1

Instructions

For the following questions answer them individually

Question 1

Read the following information carefully and answer the question given below.

Seven executives— T, U, V, W, X, Y and Z are sitting along a circle facing the centre. T is between Z and W. V is second to the right of W and is between U and Y. U is not the neighbour of X.

Who sits to the immediate right of U ?

- A V
- B Y
- C X
- D W

Answer: A

RRB NTPC Free Mock Tests

Question 2

The moon revolves around which celestial body?

- A Comet
- B Meteor
- C Earth
- D Star

Answer: C

Question 3

Who among the following won gold medal at Makran Cup boxing in Iran, 2019?

- A Duryodhan Singh Negi
- B Lalitha Prasad
- C Manish Kaushik
- D Deepak Singh

Answer: D

Question 4

Which of the following cities is nicknamed as 'City of Joy' in India?

- A Kolkata
- B Shimla
- C Chennai

D Mumbai

Answer: A

RRB JE Previous Papers (Download Pdf)

Question 5

Profit percentage earned by selling an article for Rs.1920 is equal to the loss percentage when the article is sold for Rs.1280. At what price should it be sold, if the profit is to be 30%?

A Rs.2000

B Rs.2060

C Rs.2040

D Rs.2080

Answer: D

Question 6

What is the force required to keep the object sliding on a surface with the same speed?

A Static friction

B Rolling friction

C Contact friction

D Sliding friction

Answer: D

Question 7

Which hormone protects the blood glucose from going too low?

A Glucagon

B Vasopressin

C Oxytocin

D Insulin

Answer: A

RRB JE Free Mock Test

Question 8

Rs.16500 is split into two fixed deposits for 2 years at 10% and 12% Simple Interest. If the total interest received from the deposits is Rs.3620, how much was invested in the 12% scheme ?

A Rs.10500

B Rs.10000

C Rs.8500

D Rs.8000

Answer: D

Question 9

With which of the following sports is Manpreet Singh associated ?

A Badminton

B Tennis

C Hockey

D Football

Answer: C

Question 10

The radius of a circle increases by 5%. What is the percentage increase in its area?

A 21.5%

B 10.25%

C 10.5%

D 25%

Answer: B

Daily Free RRB Online Test

Question 11

Which of the following is the most abundant source of iron ?

A Green vegetables

B Milk

C Eggs

D Beans

Answer: A

Question 12

In a certain code, 'CORNER' is written as 'GSRVIV'. How can 'CENTRAL' be written in that code?

A GIRYVEP

B GIRXEVP

C GIRXVPE

D GIRXVEP

Answer: D

Question 13

When was the first battle of Panipat fought?

- A 1761
- B 1661
- C 1556
- D 1526

Answer: D

RRB Group-D Previous Papers

Question 14

Find the area of the card board that is required to make a box of size $10\text{ cm} \times 8\text{ cm} \times 4\text{ cm}$.

- A 412 cm^2
- B 388 cm^2
- C 304 cm^2
- D 488 cm^2

Answer: C

Question 15

E-shakti, a project on digitisation of self-help groups, was launched by-

- A SEBI
- B NABARD
- C IMF
- D RBI

Answer: B

Question 16

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

- 1) Some bags are chocolates.
- 2) Some cakes are chocolates.

Conclusions:

- I. All cakes being bags is a possibility.
- II. Some bags are cakes.

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

Answer: B

RRB Free Videos (You Tube Channel)

Question 17

Find the wrong number in the given series.

246, 232, 220, 204, 190

- A 190
- B 220
- C 204
- D 246

Answer: B

Question 18

Simplify: $6 \div [2(1 + 2)]$

- A 3
- B 9
- C 1
- D 2

Answer: C

Question 19

If 54321A is divisible by 9, then find the value of 'A'.

- A 0
- B 2
- C 4
- D 3

Answer: D

20 RRB NTPC Mocks-Tests Rs.149

Question 20

Ages of father and son add up to 50. Six years back father's age was 6 more than thrice his son's age. What will be father's age 6 years hence?

- A 42 years
- B 50 years
- C 48 years

D 40 years

Answer: A

Question 21

An atom has a mass number of 23 and atomic number 11. The number of protons is-

A 23

B 22

C 12

D 11

Answer: D

Question 22

In this question, two statements are given followed by two conclusions. Choose the conclusion(s) which best fit(s) logically.

Statements:

1) Some books are cars.

2) Some cars are boxes.

Conclusions:

I. Some books are boxes.

II. All boxes are cars.

A Only conclusion II follows

B Both conclusions I and II follow

C Only conclusion I follows

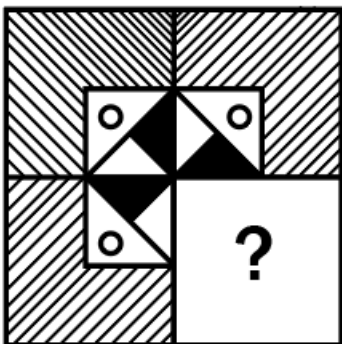
D Neither conclusion I nor II follows

Answer: D

10 RRB JE Mocks-Tests Rs.117

Question 23

Choose from the alternatives the figure that best completes the pattern given below.



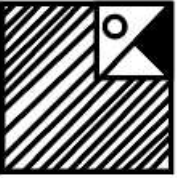
B



C



D



Answer: C

Question 24

How much work is done when one Coulomb charge moves against a potential difference of 1 Volt?

A 1 Ampere

B 1 Joule

C 1 Watt

D 1 Coulomb

Answer: B

Question 25

115% is equal to which of these fractions ?

A $\frac{23}{20}$

B $\frac{3}{20}$

C $\frac{20}{23}$

D $\frac{20}{3}$

Answer: A

RRB General Science Notes (Download Pdf)

Question 26

Simple epithelium is-

A All of the options

B Two to three cell thick

- C Two cell thick
- D One cell thick

Answer: D

Question 27

Which of the following is an alloy of copper and zinc?

- A Alnico
- B Brass
- C Solder
- D Bronze

Answer: B

Question 28

What is the normal pulse rate of humans?

- A 2 beats per second
- B 97 beats per minute
- C 70-80 beats per minute
- D 80-90 beats per minute

Answer: C

RRB GK Material (Download Pdf)

Question 29

What is the primary standard level for carbon monoxide for assuring air quality?

- A 9 ppm
- B 10 ppm
- C 1 ppm
- D 90 ppm

Answer: A

Question 30

Who among the following discovered an Earth-sized planet, HD 21749b using Transiting Exoplanet Survey Satellite in 2019?

- A NASA
- B ISRO
- C ACAE
- D APSCO

Answer: A

Question 31

Perfect square numbers ending with '1' will have their square roots ending in

- A 1 or 9
- B 9 only
- C 3
- D 1 only

Answer: A

RRB NTPC Previous Papers (Download PDF)

Question 32

The variance of 5 values is 16. If each value is doubled, find the standard deviation of the new value.

- A 4
- B 8
- C 16
- D 10

Answer: B

Question 33

Leukoderma is a disease of the

- A Eyes
- B Skin
- C Throat
- D Liver

Answer: B

Question 34

Find the ODD one out from the given options.

- A X
- B S
- C V
- D T

Answer: B

Join Competitive Exam Updates Telegram Group

Question 35

A motorcyclist covers a distance of 192 km at a speed of 32 km/h. A car starts from the same place as the motorcyclist 2.5 hours later, but covers the same distance 0.5 hour earlier. What is the ratio of the speed of the car and the motorcycle?

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

Answer: B

Question 36

In a certain code, 'gri chri' means 'brand new', 'gyp twoh' means 'very old', 'gri bur twoh' means 'old and new' and 'chri deh twoh' means 'old brand car'. Which of the following codes denotes 'new car'?

- A twoh deh
- B chri gri
- C gri deh
- D deh gyp

Answer: C

Question 37

What is the concept of spherical lenses?

- A Scattering of light
- B Light refraction
- C Radiation of light
- D Light reflection

Answer: B

RRB NTPC Free Mock Tests

Question 38

Find the ODD one out from the given options.

- A BD
- B EG
- C MN
- D CE

Answer: C

Question 39

What is the nature of the commonly used tooth paste ?

- A Neutral
- B All of the options
- C Acidic
- D Basic

Answer: D

Question 40

Which political leader was popularity known as 'Chacha'?

- A Subhas Chandra Bose
- B Mahatma Gandhi
- C Jawaharlal Nehru
- D Bal Gangadhar Tilak

Answer: C

RRB JE Previous Papers (Download Pdf)

Question 41

Which of the following is the hardest substance known?

- A Buckminsterfullerene
- B Diamond
- C Graphite
- D Iron

Answer: B

Question 42

Simplify: $\left[1 + 10^{\frac{1}{10}}\right] + \left[1 - 10^{\frac{1}{10}}\right]$

- A 2
- B $\frac{3}{10}$
- C $\frac{91}{101}$
- D $\frac{101}{10}$

Answer: A

Question 43

Pellagra is caused through the deficiency of-

- A Niacin
- B Riboflavin
- C Ascorbic acid
- D Folic acid

Answer: A

RRB JE Free Mock Test

Question 44

Find the missing number in the following series.

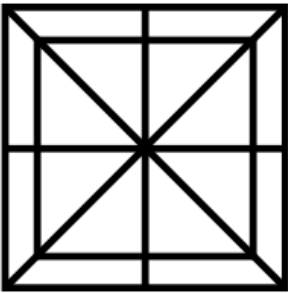
0, 7, 26, 63, 124, (...), 342

- A 214
- B 216
- C 213
- D 215

Answer: D

Question 45

How many triangles are there in the given figure ?



- A 27
- B 29
- C 32
- D 25

Answer: C

Question 46

What is the important use of coke ?

- A As an oxidising agent
- B As a reducing agent in the extraction of metals

C As a fuel for industrial boilers

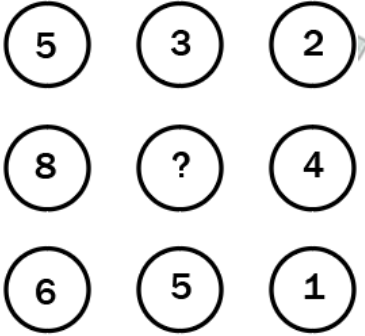
D As a fuel in domestic ovens

Answer: B

Daily Free RRB Online Test

Question 47

Choose the alternative that best replaces the question mark(?) in the given figure.



A 5

B 3

C 4

D 6

Answer: C

Question 48

How many electrons are there in one Coloumb of charge?

A 0.625×10^3 electrons

B 6.25×10^{18} electrons

C 62.5×10^{13} electrons

D 625×10^{23} electrons

Answer: B

Question 49

Which of the following will best complete the relationship given below ?
BFIJ : DHKL :: LOQT : ?

A NQSV

B NSQV

C NQVS

D NVSQ

Answer: A

RRB Group-D Previous Papers

Question 50

Which of the following defence satellites of India was launched in 2019?

- A GSAT-6A
- B IRNSS-1I
- C RESOURCESAT-2A
- D EMISAT

Answer: D

Question 51

If $(10.24 \times 10.24) - (10.24 \times A) + (0.24 \times 0.24)$ is a perfect square, then find the value of 'A'.

- A 0.12
- B 0.24
- C 0.36
- D 0.48

Answer: D

Question 52

In how many years will a certain sum of money double itself at 5% Simple Interest ?

- A 22
- B 20
- C 18
- D 15

Answer: B

RRB Free Videos (You Tube Channel)

Question 53

Ravi travelled 4 km straight towards south. He then turned left and travelled 6 km straight; he again turned right and travelled 4 km straight. How far is he from the starting point?

- A 8 km
- B 12 km
- C 18 km
- D 10 km

Answer: D

Question 54

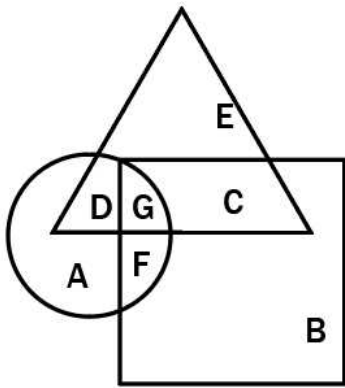
The sum of the digits of a two-digit number is 15 and the difference between the digits is 3. What is the two-digit number?

- A 78
- B 128
- C 96
- D 69

Answer: C

Question 55

In the given figure, the circle represents graduate, triangle represents working people, and square represents post graduate. Which region represents graduate and post graduate but not working people?



- A G
- B D
- C F
- D C

Answer: C

20 RRB NTPC Mocks-Tests Rs.149

Question 56

Which of the following is known as 'Dry ice'?

- A Carbon monoxide
- B Liquid carbon dioxide
- C Gaseous carbon dioxide
- D Solid carbon dioxide

Answer: D

Question 57

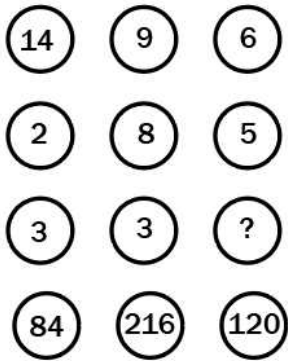
With which game is Bhagyashree Thipsay associated?

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

Answer: C

Question 58

Choose the alternative that best replaces the question mark(?) in the given figure.



- A 8
- B 6
- C 7
- D 4

Answer: D

10 RRB JE Mocks-Tests Rs.117

Question 59

How many gold medals did India win in the Special Olympics Games 2019?

- A 85
- B 100
- C 50
- D 60

Answer: A

Question 60

Enzyme ptyalin is seen in-

- A Saliva
- B Gastric juice
- C Intestinal juice

D Pancreatic juice

Answer: A

Question 61

Which element has the greatest tendency to attract electrons?

A Iron

B Sulphur

C Fluorine

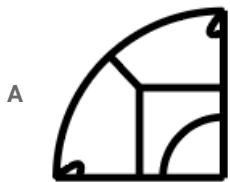
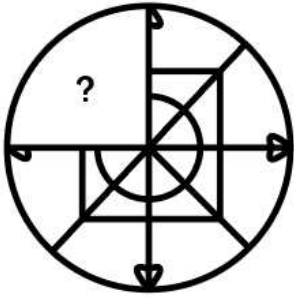
D Boron

Answer: C

RRB General Science Notes (Download Pdf)

Question 62

Choose from the alternatives the figure that best completes the pattern given below.



Answer: D

Question 63

Vulgar fractions have-

- A Their numerators greater than denominators
- B Their denominators as powers of 10
- C Their denominators other than 10, 100, 1000 etc.
- D No representation on the number line

Answer: C

Question 64

How many odd days are there in the first 2000 years ?

- A 3
- B 2
- C 4
- D 0

Answer: D

RRB GK Material (Download Pdf)

Question 65

If in a certain language 'KINDLE' is coded as 'ELDNIK', how is 'EXOTIC' coded in that language?

- A CITOXE
- B CXOTLE
- C CIXOTE
- D CITXOE

Answer: A

Question 66

Which of the following is a metalloid?

- A Copper
- B Germanium
- C Aluminium
- D Zinc

Answer: B

Question 67

Six bells toll in intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. If all start tolling together, how many times will they toll together in 30 minutes?

- A 8
- B 16
- C 15
- D 4

Answer: B

RRB NTPC Previous Papers (Download PDF)

Question 68

Shubha Mudgal is associated with-

- A Classical dance
- B Mural painting
- C Sports
- D Hindustani classical music

Answer: D

Question 69

The refractive indices of four substances A, B, C and D are 1.33, 1.47, 1.71 and 1.65 respectively. In which substance is the speed of light maximum?

- A B
- B A
- C C
- D D

Answer: B

Question 70

What is the frequency range of ultrasound?

- A Below 20 Hz
- B Between 200 Hz and 2000 Hz
- C Above 20 kHz
- D Between 20 Hz and 20 kHz

Answer: C

Join Competitive Exam Updates Telegram Group

Question 71

The white powder formed when magnesium ribbon burns is-

- A Magnesium carbonate
- B Magnesium oxide
- C Magnesium sulphate
- D Magnesium hydroxide

Answer: B

Question 72

Two pipes P and Q can fill a tank in 40 minutes and 30 minutes respectively. Both pipes are opened simultaneously and after 10 minutes pipe Q is closed. In what time after this will the tank get filled up?

- A 16 minutes
- B 15 minutes
- C 16 minutes 40 seconds
- D 15 minutes 20 seconds

Answer: C

Question 73

Read the following information carefully and answer the question given below.

Eight friends— A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. Each one of them likes different brands of television—Onida, Sony, Samsung, Micromax, TCL, LG, Toshiba and Sansui, but not necessarily in the same order.

A sits third to the right of the person who likes Sansui. A does not like Samsung. E is not an immediate neighbour of H. C sits on the immediate right of the person who likes Samsung. Neither A nor H likes TCL or a Sony. The person who likes TCL is not an immediate neighbour of the person who likes Sansui. The person who likes Onida sits second to the left of E. The person who likes Onida is an immediate neighbour of the both persons who like LG and Toshiba. Person who likes Toshiba sits third to the right of B. B does not like TCL. F is not an immediate neighbour of A. G is not an immediate neighbour of the person who likes Onida. Only two people sit between the person who likes Toshiba and H. The persons who like TCL and the Sony are immediate neighbours of each other.

Which of the following brands of television is liked by H ?

- A Onida
- B Sansui
- C Sony
- D Toshiba

Answer: A

RRB NTPC Free Mock Tests

Question 74

The Australian cricketer Ricky Ponting is also known as-

- A Ponter
- B Punter
- C Rickster

D Ponds

Answer: B

Question 75

Which Indian state has Agartala as its capital ?

A Nagaland

B Mizoram

C Manipur

D Tripura

Answer: D

Question 76

Find the ODD one out from the given options.

A 728

B 346

C 125

D 215

Answer: C

RRB JE Previous Papers (Download Pdf)

Question 77

What is the thrust on unit area called?

A Surface area

B Pressure

C Density

D Volume

Answer: B

Question 78

What is the area of the sector covered by the hour-hand of a clock while moving from the number 12 to number 3, if the length of the hour-hand is 7 cm ?

A 17 cm^2

B 70 cm^2

C 38.5 cm^2

D 35 cm^2

Answer: C

Question 79

In a shooting test, the probabilities of hitting the target are $\frac{1}{2}$ for A, $\frac{2}{3}$ for B and $\frac{3}{4}$ for C. If they fire at the same target, what is the probability that only one of them hits the target?

- A $\frac{1}{6}$
- B $\frac{2}{3}$
- C $\frac{3}{8}$
- D $\frac{1}{4}$

Answer: D

RRB JE Free Mock Test

Question 80

Ten observations written in descending order are 45, 34, 32, 30, $2x - 13$, $x + 1$, 17, 15, 14 and 8. If the median is 24, then find 'x'.

- A 15
- B 20
- C 12
- D 18

Answer: B

Question 81

If the manufacturer gains 10%, the wholesale dealer gains 15% and the retailer gains 25%, then find the cost of production of a table, if the retail price was Rs.1265.

- A Rs.900
- B Rs.850
- C Rs.750
- D Rs.800

Answer: D

Question 82

Sum of ages of father and son is 8 years more than the age of mother. Son was born when the mother was 22 years. How old is the father?

- A 40 years
- B 30 years
- C 36 years
- D 38 years

Answer: B

Daily Free RRB Online Test

Question 83

Find the wrong number in the given series.

14, 20, 29, 39, 56, 74

- A 14
- B 29
- C 20
- D 39

Answer: D

Question 84

What is the total number of members nominated by the President to the Lok Sabha and the Rajya Sabha?

- A 14
- B 18
- C 16
- D 12

Answer: A

Question 85

A basic solution changes the colour of turmeric indicator from-

- A Yellow to blue
- B Yellow to green
- C Yellow to red
- D Yellow to black

Answer: C

RRB Group-D Previous Papers

Question 86

In this question, a statement is given followed by three conclusions. Choose the conclusion(s) which best fit(s) logically.

Statement:

$$H \leq I < L \geq A > Q$$

Conclusions:

- I. $H < L$
- II. $H \geq L$
- III. $Q < H$

- A Only conclusion I is true
- B Only conclusion III is true
- C Only conclusion II is true
- D Only conclusions II and III are true

Answer: A

Question 87

Find the ODD one out from the given options.

- A Diving
- B Driving
- C Sailing
- D Swimming

Answer: B

Question 88

Two motorists travelling in opposite directions meet at some point in between. After this they take 9 and 16 hours to reach their respective destinations. What is the ratio of their speeds?

- A 5 : 4
- B 4 : 7
- C 4 : 3
- D 5 : 3

Answer: C

RRB Free Videos (You Tube Channel)

Question 89

Which hormone is released during emergency situation?

- A Adrenaline
- B Norepinephrine
- C Corticotropin
- D Cortisol

Answer: A

Question 90

Two buses start from the opposite points of a main road, 150 km apart. The first bus runs for 25 km and takes a right turn and then runs for 15 km. It, then turns left and runs for another 25 km and takes the direction back to reach the main road. In the meantime, due to minor breakdown, the other bus has run only 35 km along the main road. What would be the distance between the two buses at this point?

A 65 km

B 75 km

C 80 km

D 85 km

Answer: A

Question 91

Seven years ago, the ratio of the ages of Ajith and Ganesh was 5 : 7. If the product of their present ages is 616, find the ratio of their present age.

A 15 : 17

B 17 : 15

C 12 : 13

D 11 : 14

Answer: D

20 RRB NTPC Mocks-Tests Rs.149

Question 92

The chemical formula K_2SO_4 represents-

A Potassium nitrate

B Potassium chloride

C Aluminium sulphate

D Potassium sulphate

Answer: D

Question 93

Two cones are such that the ratio of their volumes is 1 : 10 and ratio of their heights is 2 : 5. What is the ratio of their base radii?

A 1 : 2

B 7 : 25

C 2 : 1

D 5 : 2

Answer: A

Question 94

In which part of the human body would you find the smallest bone?

A Ears

- B Knees
- C Fingers
- D Nose

Answer: A

10 RRB JE Mocks-Tests Rs.117

Question 95

A pipe can fill a cistern in 20 minutes, but an outlet can empty it in 28 minutes. When both the pipes are opened, in what time is the cistern filled?

- A 96 minutes
- B 56 minutes
- C 70 minutes
- D 72 minutes

Answer: C

Question 96

P and Q can individually do some work in 60 and 75 days respectively. They started working together. But P left after sometime. Q completed the work in another 30 days. In how many days after starting the work did P leave?

- A 25
- B 24
- C 20
- D 32

Answer: C

Question 97

1 is placed to the west of 2, and 3 is placed to the south of 1. What is the direction of 2 with respect to 3?

- A South east
- B North east
- C South
- D East

Answer: B

RRB General Science Notes (Download Pdf)

Question 98

Which of the following hormones stimulates milk production after child birth?

- A Estrogen

- B Progesterin
- C Androgen
- D Prolactin

Answer: D

Question 99

There are three cans of milk containing 36 litres, 45 litres and 72 litres. Find the biggest measure that can measure all these exactly.

- A 7 litres
- B 8 litres
- C 9 litres
- D 15 litres

Answer: C

Question 100

If 20 Coulombs of charge passes a point in a circuit in 1 second, what is the value of the current flowing?

- A 20 Ampere
- B 10 Ampere
- C 5 Ampere
- D 15 Ampere

Answer: A

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

[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)

RRB NTPC Previous Papers (Download PDF)

Join Competitive Exam Updates Telegram Group