

Railway Recruitment Board

Notations :

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

Question Paper Name:	RRB Exam for PWD Actual 28th Dec shift 2 New
Subject Name:	RRB Exam for PWD
Creation Date:	2015-12-21 14:21:13.0
Cut Off:	0
Duration:	90
Number of Questions:	100
Total Marks:	100.0

RRB Exam for PWD

Group Number :	1
Group Id :	54
Group Maximum Duration :	0
Group Minimum Duration :	85
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	100.0

GENERAL AWARENESS

Section Id :	70
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	40
Number of Questions to be attempted:	40
Section Marks:	40.0

Sub-Section Number:	1
Sub-Section Id:	70
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 9051 Question Type : MCQ Option Shuffling : No Correct : 1.0 Wrong : 0.33

Who is the current head of United Nations?

Options :

- ✗ Kofi Annan
- ✓ Ban Ki-moon
- ✗ Barack Obama

4. ✘ David Cameron

Question Number : 2 Question Id : 9052 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

IMPRINT India Initiative, launched recently, is a platform to give boost to

Options :

1. ✘ Defense
2. ✘ Foreign Trade
3. ✔ Scientific Research
4. ✘ Sports

Question Number : 3 Question Id : 9053 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which country was most affected by cyclone Chapala and Megh?

Options :

1. ✘ Oman
2. ✘ Somalia
3. ✔ Yemen
4. ✘ Ethiopia

Question Number : 4 Question Id : 9054 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The festival 'Sahabat India' is celebrated in which country?

Options :

1. ✘ UAE
2. ✘ Thailand
3. ✔ Indonesia
4. ✘ Myanmar

Question Number : 5 Question Id : 9055 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

From which state is there a demand for statehood to Tulu Nadu?

Options :

1. ✘ Kerala
2. ✘ Tamil Nadu
3. ✔ Karnataka
4. ✘ Andhra Pradesh

Question Number : 6 Question Id : 9056 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Kaziranga National Park is in which state of India

Options :

1. ✘ Madhya Pradesh
2. ✘ Karnataka
3. ✔ Assam
4. ✘ Uttarakhand

Question Number : 7 Question Id : 9057 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

World Environment day is celebrated every year on ...

Options :

1. ✓ 5th of June
2. ✗ 1st of January
3. ✗ 14th of February
4. ✗ 8th of March

Question Number : 8 Question Id : 9058 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Narmada Nidhi (developed in Madhya Pradesh), is a cheaper and disease-resistant breed of:

Options :

1. ✓ Chicken
2. ✗ Goat
3. ✗ Cow
4. ✗ Sheep

Question Number : 9 Question Id : 9059 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who won the 2015 Sakharov Prize for freedom of thought?

Options :

1. ✗ Aung San Suu Kyi
2. ✗ Malala Yousafzai
3. ✓ Raif Badawi
4. ✗ Martin Schulz

Question Number : 10 Question Id : 9060 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which state in India has the largest forest cover?

Options :

1. ✓ Madhya Pradesh
2. ✗ Karnataka
3. ✗ Assam
4. ✗ Uttarakhand

Question Number : 11 Question Id : 9061 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Narora Power Station in Uttar Pradesh is associated with....

Options :

1. ✗ Crude oil
2. ✓ Nuclear power
3. ✗ Solar energy
4. ✗ Hydro electricity

Question Number : 12 Question Id : 9062 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which of the following is used in pencils?

Options :

1. ✘ Charcoal
2. ✔ Graphite
3. ✘ Germanium
4. ✘ Copper

Question Number : 13 Question Id : 9063 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which state in India has the highest literacy rate?

Options :

1. ✔ Tripura
2. ✘ Kerala
3. ✘ Mizoram
4. ✘ Rajasthan

Question Number : 14 Question Id : 9064 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which is the wettest place in India & world?

Options :

1. ✔ Mawsynram, Meghalaya
2. ✘ Cherrapunji, Meghalaya
3. ✘ Chinna Kallar, Tamil Nadu
4. ✘ Neriamangalam, Kerala

Question Number : 15 Question Id : 9065 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who was the first woman to have flown in space?

Options :

1. ✘ Sally Ride
2. ✔ Valentina Tereshkova
3. ✘ Yelena Serova
4. ✘ Kalpana Chawla

Question Number : 16 Question Id : 9066 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who is known as the father of Geometry?

Options :

1. ✔ Euclid
2. ✘ Archimedes
3. ✘ Pythagoras
4. ✘ Isaac Newton

Question Number : 17 Question Id : 9067 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who was the first Indian to win the World Amateur Billiards title?

Options :

1. ✓ Wilson Jones
2. ✗ Geet Sethi
3. ✗ Pankaj Advani
4. ✗ Aditya Mehta

Question Number : 18 Question Id : 9068 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Against whom did India play its 1st Cricket Test Match?

Options :

1. ✗ West Indies
2. ✓ England
3. ✗ Pakistan
4. ✗ Australia

Question Number : 19 Question Id : 9069 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who is the captain of the current Indian Hockey team?

Options :

1. ✗ Rupinder Pal Singh
2. ✓ Sardara Singh
3. ✗ Sreejesh Ravindran
4. ✗ Sandeep Singh

Question Number : 20 Question Id : 9070 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which Indian sportsperson was the first to receive the Padma Vibhushan Award?

Options :

1. ✗ Sachin Tendulkar
2. ✓ Viswanathan Anand
3. ✗ Sania Mirza
4. ✗ Saina Nehwal

Question Number : 21 Question Id : 9071 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Sharath Kamal represents India in which of the following games?

Options :

1. ✗ Shooting
2. ✗ Weight lifting
3. ✓ Table Tennis
4. ✗ Badminton

Question Number : 22 Question Id : 9072 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which country consumes the most energy in the world?

Options :

1. ✘ China
2. ✘ India
3. ✔ The United States
4. ✘ Russia

Question Number : 23 Question Id : 9073 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which of the following is the study of interrelationship between plants and animals?

Options :

1. ✘ Anatomy
2. ✔ Ecology
3. ✘ Anthropology
4. ✘ Morphology

Question Number : 24 Question Id : 9074 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which of the following leads to reduction of ozone content of the atmosphere?

Options :

1. ✘ SO₂
2. ✔ Chlorofluorocarbons
3. ✘ NO₂
4. ✘ Photochemical smog

Question Number : 25 Question Id : 9075 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

The final interpreter and guardian of the Constitution of India is

Options :

1. ✘ The Prime Minister
2. ✘ The President
3. ✔ The Supreme Court
4. ✘ The Parliament

Question Number : 26 Question Id : 9076 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

After every 2 years, what fraction of Rajya Sabha members retire?

Options :

1. ✘ 1/4th
2. ✔ 1/3rd
3. ✘ 2/3rd
4. ✘ 1/2

Question Number : 27 Question Id : 9077 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

B. C. Roy Award is associated with which one of the following fields?

Options :

1. ✘ Environment

- Theatre
- Dance
- Medicine

Question Number : 28 Question Id : 9078 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Who among the following won the Nobel prize in Physics?

Options :

- Satyendra Nath Bose
- C.V.Raman
- Homi Bhabha
- Amartya Sen

Question Number : 29 Question Id : 9079 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which of the following is also known as Laughing Gas?

Options :

- Sulphur dioxide
- Carbon monoxide
- Nitrous oxide
- Oxygen

Question Number : 30 Question Id : 9080 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which element is common to all acids?

Options :

- Nitrogen
- Carbon
- Hydrogen
- Helium

Question Number : 31 Question Id : 9081 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Anthropology deals with the study of:

Options :

- Humans
- Animals
- Plants
- Birds

Question Number : 32 Question Id : 9082 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which disease is caused by Vitamin C deficiency?

Options :

- Night Blindness
- Beri Beri
- Scurvy

4. ✘ Rickets

Question Number : 33 Question Id : 9083 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Orange or red colour of the setting sun is due to:

Options :

1. ✘ Reflection of light
2. ✘ Refraction of light
3. ✔ Scattering of light
4. ✘ Absorption of light

Question Number : 34 Question Id : 9084 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which is India's highest Gallantry award?

Options :

1. ✘ Bharat Ratna
2. ✔ Param Vir Chakra
3. ✘ Padma Vibhushan
4. ✘ Padma Shri

Question Number : 35 Question Id : 9085 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The internet prefix "www" stands for:

Options :

1. ✘ World Wide Weather
2. ✔ World Wide Web
3. ✘ Wide World Web
4. ✘ Western World Web

Question Number : 36 Question Id : 9086 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A network designed to allow communication within an organization is called:

Options :

1. ✘ Ethernet
2. ✘ Internet
3. ✔ Intranet
4. ✘ Extranet

Question Number : 37 Question Id : 9087 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The Indian Satellite Aryabhata was launched in 1975 from:

Options :

1. ✘ India
2. ✔ Soviet Union
3. ✘ United States of America
4. ✘ Australia

Question Number : 38 Question Id : 9088 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In emails, what does the term 'bcc' stand for?

Options :

1. ✘ Black Carbon Copy
2. ✔ Blind Carbon Copy
3. ✘ Back Carbon Copy
4. ✘ Blunt Carbon Copy

Question Number : 39 Question Id : 9089 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What does LASER stand for:

Options :

1. ✔ Light Amplification by Stimulated Emission of Radiation
2. ✘ Light Amplification by Scheduled Emergence of Radiation
3. ✘ Light Amplification by Stimulated Emergence of Radiation
4. ✘ Light Amplification by Scheduled Emission of Radiation

Question Number : 40 Question Id : 9090 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What does SAARC stand for:

Options :

1. ✔ South Asian Association for Regional Co-operation
2. ✘ South Asian Agreement for Regional Co-operation
3. ✘ South American Association for Regional Co-operation
4. ✘ South American Agreement for Regional Co-operation

ARITHMETIC

Section Id :	71
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	30
Number of Questions to be attempted:	30
Section Marks:	30.0

Sub-Section Number:	1
Sub-Section Id:	71
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 9091 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

How many of the following numbers are divisible by 125?

500, 675, 1375, 1915, 2250, 2850, 3475, 4335

Options :

1. ✔ 4

2. ✘ 5
3. ✘ 6
4. ✘ 7

Question Number : 42 Question Id : 9092 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

If $513A$ is divisible by 9, find the value of the smallest natural number A ?

Options :

1. ✘ 5
2. ✘ 6
3. ✘ 7
4. ✔ 9

Question Number : 43 Question Id : 9093 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

If $3999 \div 15.5 = 258$, then $39.99 \div 1.55 = ?$

Options :

1. ✘ 2.58
2. ✘ 0.258
3. ✔ 25.8
4. ✘ 258

Question Number : 44 Question Id : 9094 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

What decimal of a kilometer is a centimeter?

Options :

1. ✔ 0.00001
2. ✘ 0.0001
3. ✘ 0.001
4. ✘ 0.01

Question Number : 45 Question Id : 9095 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Arrange the fractions in ascending order

Options :

1. ✘ $13/17 < 5/9 < 17/21 < 21/25$
2. ✘ $5/9 < 13/17 < 21/25 < 17/21$
3. ✔ $5/9 < 13/17 < 17/21 < 21/25$
4. ✘ $13/17 < 21/25 < 17/21 < 5/9$

Question Number : 46 Question Id : 9096 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Evaluate

$$\frac{20.7 \times 20.7 \times 20.7 + 1}{20.7 \times 20.7 - 20.7 + 1}$$

Options :

1. ✘ 217
2. ✘ 2.17

- 3. ✓ 21.7
- 4. ✗ 221.7

Question Number : 47 Question Id : 9097 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The H.C.F. and L.C.M. of two numbers are 33 and 264 respectively. When the first number is divided by 2, the quotient is 33. The other number is:

Options :

- 1. ✗ 66
- 2. ✓ 132
- 3. ✗ 198
- 4. ✗ 99

Question Number : 48 Question Id : 9098 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If the sum of two numbers is 55 and the H.C.F. and L.C.M. of these numbers are 5 and 120 respectively, then what is the sum of the reciprocals of the numbers?

Options :

- 1. ✗ $44/501$
- 2. ✗ $501/44$
- 3. ✓ $11/120$
- 4. ✗ $120/11$

Question Number : 49 Question Id : 9099 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Two equilateral triangles have the sides of length 34 and 85 respectively. The greatest length of tape that can measure both of them exactly is:

Options :

- 1. ✓ 17
- 2. ✗ 34
- 3. ✗ 15
- 4. ✗ 20

Question Number : 50 Question Id : 9100 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The sum of three numbers is 392. If the ratio of the first to the second is 2:3 and that of the second to the third is 5:8, then the second number is:

Options :

- 1. ✗ 80
- 2. ✓ 120
- 3. ✗ 176
- 4. ✗ 192

Question Number : 51 Question Id : 9101 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If 70% of a number is equal to one-third of another number, what is the ratio of first number to the second number?

Options :

1. ✘ 10 : 9
2. ✘ 21 : 10
3. ✔ 10 : 21
4. ✘ 9 : 10

Question Number : 52 Question Id : 9102 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In a bag, there are coins of 25 p, 10 p and 5 p in the ratio of 1 : 2 : 3. If there is Rs.120 in all, how many 5 p coins are there?

Options :

1. ✘ 200
2. ✘ 400
3. ✔ 600
4. ✘ 800

Question Number : 53 Question Id : 9103 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Two students appeared for an examination. One of them secured 15 marks more than the other and his mark was 60% of the sum of their marks. The marks obtained by them are

Options :

1. ✔ 30, 45
2. ✘ 25, 40
3. ✘ 35, 50
4. ✘ 40, 55

Question Number : 54 Question Id : 9104 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The length and breadth of a rectangle are changed by +50% and by -10% respectively. What is the percentage change in the area of the rectangle?

Options :

1. ✘ 25%
2. ✘ 30%
3. ✔ 35%
4. ✘ 45%

Question Number : 55 Question Id : 9105 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The length, breadth and height of a room are in the ratio 3 : 2 : 1. If the room's volume is 1296 cubic metres, find its breadth.

Options :

1. ✘ 18 m
2. ✘ 16 m
3. ✘ 24 m
4. ✔ 12 m

Question Number : 56 Question Id : 9106 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A bicycle wheel makes 5000 revolutions in moving 22 km. What is the radius of the wheel?

Options :

1. ✓ 70 cm
2. ✗ 135 cm
3. ✗ 35 cm
4. ✗ 32 cm

Question Number : 57 Question Id : 9107 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Three metal cubes with edges 3 cm, 4 cm and 5 cm respectively are melted together and formed into a single cube. Find the length of the side of the resulting cube.

Options :

1. ✓ 6 cm
2. ✗ 7 cm
3. ✗ 8 cm
4. ✗ 5 cm

Question Number : 58 Question Id : 9108 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

15 men could finish a piece of work in 310 days. But at the end of 200 days, 15 additional men are employed. In how many more days will the work be completed?

Options :

1. ✗ 80 days
2. ✗ 60 days
3. ✓ 55 days
4. ✗ 50 days

Question Number : 59 Question Id : 9109 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

24 men working 8 hours a day can finish a work in 10 days. Working at a rate of 10 hours a day, the number of men required to finish the work in 6 days is:

Options :

1. ✗ 30
2. ✓ 32
3. ✗ 34
4. ✗ 36

Question Number : 60 Question Id : 9110 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If Vinay had walked 1 km/hr. faster, he would have taken 10 min less to walk 2 km. What is Vinay's speed of walking?

Options :

1. ✗ 1 km/hr.
2. ✗ 2 km/hr.
3. ✓ 3 km/hr.
4. ✗ 6 km/hr.

Question Number : 61 Question Id : 9111 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A man on tour travels the first 200 km at 60 km/hr. and the next 200 km at 70 km/hr. The average speed for 400 km of the tour is:

Options :

1. ✘ 62.5 km/hr.
2. ✘ 63.6 km/hr.
3. ✔ 64.6 km/hr.
4. ✘ 68.3 km/hr.

Question Number : 62 Question Id : 9112 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A sum was invested at simple interest at a certain rate of interest for 2 years. It would have fetched Rs.120 more had it been invested at 2% higher rate. What was the sum?

Options :

1. ✔ Rs.3000
2. ✘ Rs.2600
3. ✘ Rs.5000
4. ✘ Rs.2000

Question Number : 63 Question Id : 9113 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the difference between the simple and the compound interest at 10% per annum for 2 years on a principal of Rs.1000.

Options :

1. ✔ 10
2. ✘ 12
3. ✘ 9
4. ✘ 11

Question Number : 64 Question Id : 9114 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A sells an article to B at a profit of 30%. B sells the article back to A at a loss of 30%. In this transaction:

Options :

1. ✘ A neither loses nor gains
2. ✔ A makes a profit of 39%
3. ✘ A makes a profit of 30%
4. ✘ B loses 30%

Question Number : 65 Question Id : 9115 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Goods are purchased for Rs.750 and one-third of them are sold at a loss of 10%. At what profit percentage should the remainder be sold, so as to gain 20% on the whole transaction?

Options :

1. ✘ 30%
2. ✔ 35%

3. ✘ 20%

4. ✘ 16%

Question Number : 66 Question Id : 9116 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If $x = 6$, $y = 5$, $z = 3$ then which of the following is true?

(I) $x+y+z = 14$

(II) $x-y+z = 9$

(III) $x+y-z = 14$

(IV) $-x+y-z = -4$

Options :

1. ✘ I and II

2. ✘ III and IV

3. ✔ I and IV

4. ✘ I and III

Question Number : 67 Question Id : 9117 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What is $\tan(-315^\circ)$ equal to?

Options :

1. ✘ $1/\sqrt{2}$

2. ✘ $-1/\sqrt{2}$

3. ✘ -1

4. ✔ 1

Question Number : 68 Question Id : 9118 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The average of the first 20 multiples of 8 is:

Options :

1. ✘ 75

2. ✘ 74

3. ✔ 84

4. ✘ 74.5

Question Number : 69 Question Id : 9119 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A vertical stick 40 m long casts a shadow 10 m long on the ground. At the same time, a tower casts the shadow 50 m long on the ground. Find the height of the tower.

Options :

1. ✘ 100 m

2. ✘ 120 m

3. ✘ 150 m

4. ✔ 200 m

Question Number : 70 Question Id : 9120 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Two poles of height 12 m and 17 m stand vertically upright on a plane ground. If the distance between their feet is 12 m, find the distance between their tops.

Options :

1. ✘ 12 m
2. ✘ 14 m
3. ✔ 13 m
4. ✘ 11 m

GENERAL INTELLIGENCE AND REASONING

Section Id :	72
Section Number :	3
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	30
Number of Questions to be attempted:	30
Section Marks:	30.0

Sub-Section Number:	1
Sub-Section Id:	72
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 9121 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the Analogous Pair.

Two words which are related to each other are given. Another word is also given. You are required to find out the relationship between the first two words and choose the word from the given options, which has the same relationship to the third word, as the first two have.

MAMMAL is to ELEPHANT as REPTILE is to

Options :

1. ✔ CROCODILE
2. ✘ CAT
3. ✘ RABBIT
4. ✘ PENGUIN

Question Number : 72 Question Id : 9122 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the Analogous Pair.

Two words which are related to each other are given. Another word is also given. You are required to find out the relationship between the first two words and choose the word from the given options, which bears the same relationship to the third word, as the first two bear.

PAIN is to SEDATIVE as GRIEF is to

Options :

1. ✘ LUXURY
2. ✔ CONSOLATION

3. ✘ STIMULANT

4. ✘ MEDICINE

Question Number : 73 Question Id : 9123 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which number would replace the question mark (?) in the series

302, 304, ?, 310, 314, 316

Options :

1. ✔ 308

2. ✘ 305

3. ✘ 306

4. ✘ 307

Question Number : 74 Question Id : 9124 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which number follows the series

20, 10, 30, 20, 40, 30, 50, ...?

Options :

1. ✘ 50

2. ✘ 30

3. ✔ 40

4. ✘ 70

Question Number : 75 Question Id : 9125 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Choose the missing term out of the given alternatives.

DNN, FPP, HRR, ?, LVV

Options :

1. ✘ GRR

2. ✘ GTT

3. ✘ JSS

4. ✔ JTT

Question Number : 76 Question Id : 9126 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In a certain code 'INFORM' is written as JMGNSL. How will 'LENGTH' be written in that code?

Options :

1. ✔ MDOFUG

2. ✘ MEOGUF

3. ✘ MDOFVG

4. ✘ MODFGU

Question Number : 77 Question Id : 9127 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If cloud is called yellow, yellow is called green, green is called water, water is called air, air is called blue, and blue is called sea, where will the birds fly?

Options :

1. ✓ Blue
2. ✗ Water
3. ✗ Green
4. ✗ Air

Question Number : 78 Question Id : 9128 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In a certain code, 'LATE' is written as '121205'. How will 'STARE' be written in that same code?

Options :

1. ✓ 19201185
2. ✗ 19211186
3. ✗ 19201285
4. ✗ 19211285

Question Number : 79 Question Id : 9129 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the similarity in the series:

Tomato, Watermelon, Apple, Grapes

Options :

1. ✓ They are all fruits in almost round shape.
2. ✗ They are all in red colour.
3. ✗ They have big seeds in them.
4. ✗ These fruits are found in all the seasons in India.

Question Number : 80 Question Id : 9130 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the similarity in the series:

Dog, Horse, Man, Shop

Options :

1. ✗ They don't have any similarity.
2. ✓ They are all countable nouns.
3. ✗ They are all living things.
4. ✗ They all have four legs.

Question Number : 81 Question Id : 9131 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Yamini has a brother Chandra. Yamini is the daughter of Krishnan. Roopa is Krishnan's mother.

Roopa is wedded to Prithvi. How is Chandra related to Prithvi?

Options :

1. ✗ Son
2. ✗ Grandfather
3. ✓ Grandson
4. ✗ Cousin

Question Number : 82 Question Id : 9132 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Surya's mother is the only daughter of Sruthi's father. How is Sruthi's husband related to Surya?

Options :

1. ✘ Uncle
2. ✘ Brother
3. ✔ Father
4. ✘ Data inadequate

Question Number : 83 Question Id : 9133 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Arya is the son of Bimal. Chandini, Bimal's sister has a daughter Dhruvi and a son Eshwar. Firodia is the maternal uncle of Eshwar. How is Arya related to Dhruvi?

Options :

1. ✔ Cousin
2. ✘ Uncle
3. ✘ Nephew
4. ✘ Brother

Question Number : 84 Question Id : 9134 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A paragraph is given. Assuming it is the best information available, you have to choose the best answer from the given options :

Fruit are important for us. They provide many nutrients that we get from nowhere else. These include minerals, vitamins, fiber and phytochemicals, all needed to maintain good health. Eating lots of fruits as part of daily diet can reduce the risk of several diseases including stroke, heart disease, diabetes, high BP, and even some forms of cancer.

Options :

1. ✘ Fruits can control all diseases
2. ✘ The population has a high proportion of people with diseases.
3. ✘ Fruits are filling and help in satiating hunger
4. ✔ Fruits contain nutrients that help us maintain good health.

Question Number : 85 Question Id : 9135 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

There are 21 students in a class in June when the school reopened. Their average weight was 54kg. In September, 14 more students with an average weight of 59.5kg join the class. What is the increase in average weight of the class between June and September?

Options :

1. ✘ 56.2kg
2. ✘ 59.5kg
3. ✔ 2.2kg
4. ✘ 22kg

Question Number : 86 Question Id : 9136 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Ali and Asghar work in the same company, but earn different salaries. Their basic pay is the same. Ali's sales incentives are 55% of his basic pay. Asghar's incentives are 75% of his basic pay. Their conveyance expenses are 10% and 25% of their respective basic pays. What is the ratio of Asghar's salary to Ali's salary (if their salary includes basic pay, incentives and conveyance)?

Options :

1. ✘ 4:5
2. ✘ 33:40
3. ✔ 40:33
4. ✘ 4:3

Question Number : 87 Question Id : 9137 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Use your quantitative aptitude skills to find the best answer from the given options:

A clock gains 12 minutes in one hour. Find the angle traversed by the minute hand in one hour.

Options :

1. ✘ 360 degrees
2. ✘ 412 degrees
3. ✘ 372 degrees
4. ✔ 432 degrees

Question Number : 88 Question Id : 9138 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Use your quantitative aptitude skills to find the best answer from the given options :

A walks from Pune to Mumbai @ 4 km/hr. and from Mumbai to Pune @ 8 km/hr. What is his average speed? The distance between Mumbai and Pune is 160kms.

Options :

1. ✘ 4.5 km/hr.
2. ✘ 6 km/hr.
3. ✔ 5.33 km/hr.
4. ✘ 6.5 km/hr.

Question Number : 89 Question Id : 9139 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

**In the following question two statements are given, followed by two conclusions (1) and (2).
Choose the conclusions that logically follow the given statements.**

Statements:

Climate change is the greatest humanitarian crisis of our time, responsible for rising seas, raging storms, searing heat, ferocious fires, severe drought, and punishing floods.

It threatens our health, communities, economy, and national security.

Conclusions:

1. Climate change will wipe out humanity within the next one decade.
2. National security is more important than economy.

Options :

1. ✘ Only conclusion (1) follows.
2. ✘ Only conclusion (2) follows.
3. ✘ Both (1) and (2) follow.
4. ✔ Neither (1) nor (2) follows.

Question Number : 90 Question Id : 9140 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

**In the following question two statements are given, followed by two conclusions (1) and (2).
Choose the conclusions that logically follow the given statements.**

Statements: Some vehicles have wheels. All the cars have wheels.

Conclusions:

1. All vehicles are cars.
2. Only cars have wheels.

Options :

1. ✘ Only conclusion (1) follows.
2. ✘ Only conclusion (2) follows.
3. ✘ Both (1) and (2) follow.
4. ✔ Neither (1) nor (2) follows.

Question Number : 91 Question Id : 9141 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Rearrange the following jumbled sentences to make a meaningful one:

I am

A: school today as I

B: to go to the

C: not in a mood

D: have my birthday today

The proper sequence should be:

Options :

1. ✘ ABCD

2. ✘ CDBA

3. ✔ CBAD

4. ✘ CDAB

Question Number : 92 Question Id : 9142 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Rearrange the following jumbled sentences to make a meaningful one:

Yesterday

1: India won

2: against South Africa

3: the third test match

4: to wrap the series 3-0

The proper sequence should be:

Options :

1. ✘ 2413

2. ✔ 1324

3. ✘ 1342

4. ✘ 1234

Question Number : 93 Question Id : 9143 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In the paragraph below, you are provided with certain data and information. On the basis of the information you have, choose the best option from below

An international team of voice researchers and cognitive biologists provides new insights into the production of elephant communication. The so-called "infrasound", i.e. sounds with pitches below the range of human hearing, are found to be produced with the same physical mechanism as human speech or singing. The infrasound can travel several kilometers, and provide elephants with a "private" communication channel that plays an important role in elephants' complex social life.

Elephants can

Options :

1. ✘ speak and sing
2. ✘ make sounds whose pitch is above that of humans'
3. ✔ make infrasounds
4. ✘ speak to humans using a private communication channel

Question Number : 94 Question Id : 9144 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The question below consists of a question with three statements, labeled (I), (II) & (III), in which certain data are given. You have to decide whether the data given in the statements are sufficient for answering the question. Pick out the option which gives an answer to the question

Question: What is Mahesh's rank from the top in a class of fifty five students?

Statements:

- I. Mahesh is 3 ranks below Shankar from the top.
- II. Shankar's rank from the bottom is 24.
- III. Siddarth is 3 ranks above Shankar from the bottom.

Options :

1. ✔ Only I and II are sufficient to answer the question.
2. ✘ Only II and III are sufficient to answer the question.
3. ✘ All 3 statements are necessary.
4. ✘ Only II and either I or III.

Question Number : 95 Question Id : 9145 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The question below consists three statements, labeled (I), (II) & (III), in which certain data are given. You have to decide whether the data given in the statements are sufficient for answering the question. Pick out the option which gives an answer to the question:

Question: Who among Shalini, Nirmal, Vinod and Maithreyi is the youngest?

Statements:

- I. Vinod is younger than Maithreyi but older than Shalini and Nirmal.
- II. Maithreyi is the oldest.
- III. Shalini is older than Nirmal.

Options :

- 1. ✘ Only I is sufficient.
- 2. ✘ I and II are required to answer the question.
- 3. ✘ II and III are required to answer the question.
- 4. ✔ I and III are required to answer the question.

Question Number : 96 Question Id : 9146 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

The question below consists two statements, labeled (I) and (II), in which certain data are given. You have to decide whether the data given in the statements are sufficient for answering the question. Pick out the option which gives an answer to the question:

Question: How is Surekha related to Nani?

Statements:

- I. Surekha's husband is the only son of Nani's mother.
- II. Surekha's brother and Nani's husband are cousins.

Options :

- 1. ✘ I alone is sufficient while II alone is not sufficient
- 2. ✘ II alone is sufficient while I alone is not sufficient
- 3. ✔ Either I or II is sufficient
- 4. ✘ Neither I nor II is sufficient

Question Number : 97 Question Id : 9147 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

The question below consists two statements, labeled (I) and (II), in which certain data are given. You have to decide whether the data given in the statements are sufficient for answering the question. Pick out the option which gives an answer to the question:

Question: How many children does R have?

Statements:

- I. Sunitha is the only daughter of Chavi who is the wife of Rajesh.
- II. Urvi and Vinoo are brothers of Rajesh.

Options :

- 1. ✘ I alone is sufficient while II alone is not sufficient.
- 2. ✘ II alone is sufficient while I alone is not sufficient.
- 3. ✘ Either I or II is sufficient.
- 4. ✔ Neither I nor II is sufficient.

Question Number : 98 Question Id : 9148 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In the question below, a statement followed by two conclusions numbered I and II are given. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows the information given in the statement:

Statements: Not all orange-coloured fruits are edible. A is a red-coloured fruit.

Conclusions:

- I. A is edible.
- II. All red-coloured fruits are edible.

Options :

- 1. ✘ Only conclusion I follows.
- 2. ✘ Only conclusion II follows.
- 3. ✔ Neither I nor II follows.
- 4. ✘ Both I and II follow.

Question Number : 99 Question Id : 9149 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In the question below, a statement followed by two conclusions numbered I and II are given. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows the information given in the statement:

Statements: Peacock is a beautiful blue-coloured bird. Peacock's dance is graceful.

Conclusions:

- I. All blue-coloured birds dance.
- II. Peacock's dance is graceful because it is blue in colour.

Options :

1. ✘ Only conclusion I follows.
2. ✘ Only conclusion II follows.
3. ✔ Neither I nor II follows.
4. ✘ Both I and II follow.

Question Number : 100 Question Id : 9150 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In the question below, a statement followed by two conclusions numbered I and II are given. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows the information given in the statement:

Statements: All cows give milk. Cows need adequate water throughout the day.

Conclusions:

- I. Cows drink milk.
- II. Cows drink only during daytime.

Options :

1. ✘ Only conclusion I follows.
2. ✘ Only conclusion II follows.
3. ✔ Neither I nor II follows.
4. ✘ Data insufficient to answer.