Railway Recruitment Board

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name:	RRB Exam for PWD Actual 28th Dec shift 1 New
Subject Name:	RRB Exam for PWD
Creation Date:	2015-12-21 14:20:41.0
Cut Off:	0
Duration:	90
Number of Questions:	100
Total Marks:	100.0

RRB Exam for PWD

Group Number :	1
Group Id :	53
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 :	67
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:	67
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8951 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which country introduced biometric visas to Indians in November 2015?

Options :

1. ✖ Germany

2. ✖ Russia

3. ✔ France

4. ✖ Australia

Question Number : 2 Question Id : 8952 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Which Metro has become the first in India to be certified with the prestigious ISO rating for efficient energy management?
Options :
1. ✖ Mumbai Metro
2. ✖ Chennai Metro
3. ✔ Delhi Metro
4. ✖ Kolkata Metro

Question Number : 3 Question Id : 8953 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
What is the minimum and maximum limit for investment under the Sovereign Gold Bond Scheme (SGBS) 2015?
Options :
1. ✔ 2 grams and 500 grams of physical gold
2. ✖ 5 grams and 200 grams of physical gold
3. ✖ 2 grams and 200 grams of physical gold
4. ✖ 5 grams and 500 grams of physical gold

Question Number : 4 Question Id : 8954 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
At what rate (on the value of taxable services) is the Swachh Bharat cess levied?
Options :
1. ✖ 0.25%
2. ✔ 0.50%
3. ✖ 0.75%
4. ✖ 1.00%

Question Number : 5 Question Id : 8955 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Which among the following organized the "Earth Hour" movement uniting the people to protect the planet?
Options :
1. ✔ World Wide Fund for Nature
2. ✖ UNESCO
3. ✖ World Bank
4. ✖ World Trade Organization

Question Number : 6 Question Id : 8956 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Under whose chairmanship will the National Tribal Advisory Council be setup?
Options :
1. ✖ Home Minister
2. ✖ Tribal Affairs minister
3. ✔ Prime Minister

4. ✖ Union Secretary

Question Number : 7 Question Id : 8957 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which company has partnered with BSNL to install 100 Wi-Fi Hotspots in rural areas of western and southern India?

Options :

1. ✖ Google

2. ✖ Microsoft

3. ✔ Facebook

4. ✖ IBM

Question Number : 8 Question Id : 8958 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Omar al-Bashir, who recently visited India, is the President of which country?

Options :

1. ✖ Kenya

2. ✖ South Africa

3. ✖ Nigeria

4. ✔ Sudan

Question Number : 9 Question Id : 8959 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which one of the following elements is the most abundant in the Earth's crust?

Options :

1. ✔ Oxygen

2. ✖ Silicon

3. ✖ Carbon

4. ✖ Sulphur

Question Number : 10 Question Id : 8960 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

In which of the following states is the largest coal reserves of India found?

Options :

1. ✖ Assam

2. ✔ Jharkhand

3. ✖ Madhya Pradesh

4. ✖ Odisha

Question Number : 11 Question Id : 8961 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Kaiga Generation Station (KGS) in Karnataka is associated with _____.

Options :

1. ✖ Crude oil

2. ✔ Nuclear power

3. ✖ Solar energy

4. ✖ Hydro electricity

Question Number : 12 Question Id : 8962 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which among the following gases is responsible for climate change?

Options :

1. ✖ Oxygen

2. ✔ Carbon dioxide

3. ✖ Nitrogen

4. ✖ Helium

Question Number : 13 Question Id : 8963 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Among the following, which state receives the highest rainfall during winter?

Options :

1. ✖ Punjab

2. ✖ Kerala

3. ✖ Meghalaya

4. ✔ Tamil Nadu

Question Number : 14 Question Id : 8964 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which among the following is called "Gift of the Nile"?

Options :

1. ✖ China

2. ✖ India

3. ✖ Iraq

4. ✔ Egypt

Question Number : 15 Question Id : 8965 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who is known as 'Man of Blood and Iron'?

Options :

1. ✖ Napoleon Bonaparte

2. ✔ Otto von Bismarck

3. ✖ Ho Chi Minh

4. ✖ Sir Walter Scott

Question Number : 16 Question Id : 8966 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who is also known as the founder of scientific socialism?

Options :

1. ✔ Karl Marx

2. ✖ Vladimir Lenin

3. ✖ Jean-Jacques Rousseau

4. ✖ Friedrich Nietzsche

Question Number : 17 Question Id : 8967 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

When was the Capital of India changed from Calcutta to Delhi?

Options :

1. ✖ 1910

2. ✔ 1911

3. ✖ 1912

4. ✖ 1913

Question Number : 18 Question Id : 8968 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Who was the first woman President of the Indian National Congress?

Options :

1. ✖ Sarojini Naidu

2. ✖ Sucheta Kriplani

3. ✔ Annie Besant

4. ✖ Aruna Asaf Ali

Question Number : 19 Question Id : 8969 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Against whom did India play its 1st ODI cricket match?

Options :

1. ✖ West Indies

2. ✔ England

3. ✖ Pakistan

4. ✖ Australia

Question Number : 20 Question Id : 8970 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which Chess player won a World Championships game within seventeen moves?

Options :

1. ✖ Magnus Carlsen

2. ✖ Boris Gelfand

3. ✔ Vishwanathan Anand

4. ✖ Vladimir Kramnik

Question Number : 21 Question Id : 8971 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Jaspal Rana represents India in which of the following games?

Options :

1. ✔ Shooting

2. ✖ Weight lifting

3. ✖ Boxing

4. ✖ Archery

Question Number : 22 Question Id : 8972 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The two gases making highest relative contribution to the greenhouse gases are

Options :

1. ✗ CO_2 and N_2O

2. ✓ CO_2 and CH_4

3. ✗ CH_4 and N_2O

4. ✗ CFC_5 and N_2O

Question Number : 23 Question Id : 8973 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

What does high Biological Oxygen Demand (BOD) indicate?

Options :

1. ✓ High level of Microbial Pollution

2. ✗ Low level of Microbial Pollution

3. ✗ Absence of Microbial Pollution

4. ✗ Water is fully pure

Question Number : 24 Question Id : 8974 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

When can the Speaker exercise his right to vote in the House?

Options :

1. ✗ Whenever he desires

2. ✗ Whenever the House desires

3. ✓ Only in the event of equality of votes

4. ✗ Whenever his party directs

Question Number : 25 Question Id : 8975 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

The primary function of the Finance Commission in India is to

Options :

1. ✗ Set tax rates for various services and products

2. ✗ Prepare the Annual Budget for the government

3. ✓ Make recommendations to the President on financial matters

4. ✗ Allocate funds to various ministries of the Union and State Governments

Question Number : 26 Question Id : 8976 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Which one of the following Bills must be passed by each house of the Indian Parliamentary separately by special majority?

Options :

1. ✗ Ordinary Bill

2. ✗ Money Bill

3. ✗ Finance Bill

4. ✓ Constitution Amendment Bill

Question Number : 27 Question Id : 8977 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Who was presented with the 2015 Aditya Vikram Birla Kala Shikhar Award for lifetime achievement?

Options :

1. ✔ Pandit Shiv Kumar Sharma

2. ✖ Pandit Jasraj

3. ✖ M.Balamuralikrishna

4. ✖ Ustad Zakir Hussain

Question Number : 28 Question Id : 8978 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Who is the winner of the 2015 International Children's Peace Prize?

Options :

1. ✖ Malala Yousafzai

2. ✔ Abraham Keita

3. ✖ Jeanesha Bou

4. ✖ Aziza Rahim Zada

Question Number : 29 Question Id : 8979 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Aung San Suu Kyi recently led her National League for Democracy (NLD) party to win the election in which country?

Options :

1. ✖ Cambodia

2. ✖ Bhutan

3. ✔ Myanmar

4. ✖ Indonesia

Question Number : 30 Question Id : 8980 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Where is the Shore Temple situated?

Options :

1. ✖ Kochi

2. ✖ Goa

3. ✔ Mahabalipuram

4. ✖ Kanyakumari

Question Number : 31 Question Id : 8981 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Entomology deals with the scientific study of

Options :

1. ✖ Words

2. ✔ Insects

3. ✖ Plants

4. ✖ Birds

Question Number : 32 Question Id : 8982 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Which disease is caused by Vitamin D deficiency?

Options :

1. ✖ Night Blindness
2. ✖ Beri Beri
3. ✖ Scurvy
4. ✔ Rickets

Question Number : 33 Question Id : 8983 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Blue colour of the sky 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 : 8984 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

The biggest player in the microprocessor industry is

Options :

1. ✖ Motorola
2. ✖ AMD
3. ✔ Intel
4. ✖ IBM

Question Number : 35 Question Id : 8985 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

The word "QWERTY" is used with reference to

Options :

1. ✖ Monitor
2. ✖ Printer
3. ✔ Keyboard
4. ✖ Mouse

Question Number : 36 Question Id : 8986 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

What do you select, "to save a document in different location"?

Options :

1. ✖ Save
2. ✔ Save as
3. ✖ Save as webpage
4. ✖ Rename

Question Number : 37 Question Id : 8987 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Indian Space Research Organization's rocket launching pad is located at

Options :

1. ✖ Srikakulam

2. ✖ Srisailam

3. ✔ Sriharikota

4. ✖ Sullurpeta

Question Number : 38 Question Id : 8988 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In missile technology, what does the term IRBM stand for?

Options :
1. ✖ Intermediated Range Ballistic Missile

2. ✖ Intermediate Resource Ballistic Missile

3. ✖ Intermediate Range Ballistic Mission

4. ✔ Intermediate Range Ballistic Missile

Question Number : 39 Question Id : 8989 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Choose the best option: what does the abbreviation NAEP stand for?

Options :
1. ✖ National Atomic Energy Planning.

2. ✔ National Adult Education Programme.

3. ✖ National Authority on Engineering Projects.

4. ✖ Nuclear and Atomic Energy Project.

Question Number : 40 Question Id : 8990 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Choose the best option : In banking technology, ATM refers to

Options :
1. ✖ Automated Tallying Machine

2. ✖ Automated Token Machine

3. ✖ Automated Totaling Machine

4. ✔ Automated Teller Machine

ARITHMETIC

Section Id :	68
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:	68
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 8991 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

How many of the following numbers are divisible by 165?
495, 835, 1155, 1915, 2245, 2805, 3465, 4335

Options :

1. ✔ 4

2. ✖ 5

3. ✖ 6

4. ✖ 7

Question Number : 42 Question Id : 8992 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If $A456$ is divisible by 11, find the value of the smallest natural number A?

Options :

1. ✖ 7

2. ✖ 6

3. ✔ 5

4. ✖ 9

Question Number : 43 Question Id : 8993 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If $2666 \div 15.5 = 172$, then $26.66 \div 1.55 = ?$

Options :

1. ✖ 0.172

2. ✖ 1.72

3. ✔ 17.2

4. ✖ 172

Question Number : 44 Question Id : 8994 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What decimal of an hour is a minute?

Options :

1. ✖ 0.1666

2. ✔ 0.0166

3. ✖ 0.0016

4. ✖ 0.00016

Question Number : 45 Question Id : 8995 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Arrange the fractions in ascending order

Options :

1. ✖ 3/7 < 15/19 < 31/33 < 13/16

2. ✔ 3/7 < 15/19 < 13/16 < 31/33

3. ✖ 3/7 < 13/16 < 15/19 < 31/33

4. ✖ 3/7 < 31/33 < 13/16 < 15/19

Question Number : 46 Question Id : 8996 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Evaluate
$$\frac{10.7 \times 10.7 \times 10.7 + 1}{10.7 \times 10.7 - 10.7 + 1}$$

Options :

1. ✖ 117

2. ✖ 1.17

3. ✔ 11.7

4. ✖ 111.7

Question Number : 47 Question Id : 8997 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
The H.C.F and L.C.M of two numbers are 12 and 144 respectively. If one of the numbers is 36, the other number is

Options :

1. ✖ 44

2. ✔ 48

3. ✖ 72

4. ✖ 32

Question Number : 48 Question Id : 8998 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
If the sum of two numbers is 44 and the H.C.F. and L.C.M. of these numbers are 4 and 120 respectively, then the sum of the reciprocals of the numbers is equal to:

Options :

1. ✖ 44/501

2. ✖ 501/44

3. ✔ 11/120

4. ✖ 120/11

Question Number : 49 Question Id : 8999 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
What will be the least possible number of planks, if three pieces of timber 42m, 49m, and 63m long have to be divided into planks of the same length?

Options :

1. ✖ 7

2. ✖ 8

3. ✔ 22

4. ✖ 21

Question Number : 50 Question Id : 9000 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
The sum of three numbers is 196. If the ratio of the first to second is 2:3 and that of the second to the third is 5:8, then the second number is:

Options :

1. ✖ 40

2. ✔ 60

3. ✖ 88

4. ✖ 96

Question Number : 51 Question Id : 9001 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If 60% of a number is equal to one-third of another number, what is the ratio of first number to the second number?

Options :

1. ✖ 5 : 3

2. ✖ 3 : 5

3. ✔ 5 : 9

4. ✖ 9 : 5

Question Number : 52 Question Id : 9002 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.60 in all, how many 5 p coins are there?

Options :

1. ✖ 100

2. ✖ 200

3. ✔ 300

4. ✖ 400

Question Number : 53 Question Id : 9003 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Two students appeared at an examination. One of them secured 12 marks more than the other and his marks was 60% of the sum of their marks. The marks obtained by them are

Options :

1. ✖ 30, 42

2. ✖ 26, 38

3. ✔ 24, 36

4. ✖ 43, 55

Question Number : 54 Question Id : 9004 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The length and breadth of a rectangle are changed by +30% and by -10% respectively. What is the percentage change in the area of the rectangle?

Options :

1. ✖ 15%

2. ✔ 17%

3. ✖ 25%

4. ✖ 20%

Question Number : 55 Question Id : 9005 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A spherical pear of radius 6 cm is to be divided into eight equal parts by cutting it in halves along the same axis. Find the surface area of each of the final piece.

Options :

1. ✖ 48 π

2. ✖ 50 π

3. ✔ 54 π

4. ✶ 64 π

Question Number : 56 Question Id : 9006 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
A vessel is in the form of an inverted cone. Its depth is 8cm and the diameter of its top, which is open, is 10cm. It is filled with water up to the brim. When bullets, each of which is a sphere of radius 0.5cm, are dropped into the vessel 1/4 of the water flows out. Find the number of bullets dropped in the vessel.

Options :
1. ✶ 50
2. ✔ 100
3. ✶ 150
4. ✶ 200

Question Number : 57 Question Id : 9007 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
The whole surface of a rectangular block is 11700 sq.cm. If the length, breadth and height are in the ratio of 4 : 3 : 2, find length.

Options :
1. ✶ 30 cm
2. ✔ 60 cm
3. ✶ 120 cm
4. ✶ 45 cm

Question Number : 58 Question Id : 9008 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
8 men can do a work in 12 days while 20 women can do it in 10 days. In how many days can 12 men and 15 women complete the same work?

Options :
1. ✶ 4.5 days
2. ✔ 5 days
3. ✶ 6 days
4. ✶ 7 days

Question Number : 59 Question Id : 9009 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
20 men working 8 hours a day can completely build a wall of length 200 m, breadth 10m and height 20m in 10 days. How many days will 25 men working 12 hours a day require to build a wall of length 400 m, breadth 10m and height 15m?

Options :
1. ✶ 4 days
2. ✶ 6 days
3. ✔ 8 days
4. ✶ 10 days

Question Number : 60 Question Id : 9010 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
A man completes a journey in 20 hours. He travels first half of the journey at the rate of 35 km/hr. and second half at the rate of 40 km/hr. What is the total journey distance in km.

Options :

1. ✖ 720.5 km
2. ✔ 746.6 km
3. ✖ 760.6 km
4. ✖ 777.5 km

Question Number : 61 Question Id : 9011 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A man on tour travels first 150 km at 60 km/hr. and the next 150 km at 70 km/hr. The average speed for 300 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 : 9012 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A certain sum of money amounts to Rs.704 in 2 years and Rs.800 in 5 years. Find the principal.

Options :

1. ✖ Rs.580
2. ✖ Rs.600
3. ✖ Rs.660
4. ✔ Rs.640

Question Number : 63 Question Id : 9013 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the difference between the simple and the compound interest at 5% per annum for 2 years on a principal of Rs.2000.

Options :

1. ✔ Rs.5
2. ✖ Rs.6
3. ✖ Rs.4.5
4. ✖ Rs.5.5

Question Number : 64 Question Id : 9014 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A sells an article to B at a profit of 20% B sells the article back to A at a loss of 20%. In this transaction:

Options :

1. ✖ A neither losses nor gains
2. ✔ A makes a profit of 24%
3. ✖ A makes a profit of 40%
4. ✖ B loses 40%

Question Number : 65 Question Id : 9015 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A shopkeeper sells two items at Rs.3600 each. If he sells one of them at a profit of 30% and the other at a loss of 30%, find the percentage profit / loss.

Options :

1. ✔ 9% loss

2. ✖ 15% loss

3. ✖ 9% profit

4. ✖ 15% profit

Question Number : 66 Question Id : 9016 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If x = 8, y = 5, z = 3 then which of the following is true?

(I)   x+y+z = 15
(II)   x+y-z = 9
(III)   x+y+z = 16
(IV)   -x+y-z = -6

Options :

1. ✖ I and II

2. ✔ III and IV

3. ✖ I and IV

4. ✖ I and III

Question Number : 67 Question Id : 9017 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What is the value of tan(-225°) =

Options :

1. ✖ $1/\sqrt{2}$

2. ✖ $-1/\sqrt{2}$

3. ✖ $3/\sqrt{2}$

4. ✔ - 1

Question Number : 68 Question Id : 9018 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If value of mode is 14 and median is 8, then what is the value of arithmetic mean?

Options :

1. ✖ 12

2. ✖ 18

3. ✔ 5

4. ✖ 14

Question Number : 69 Question Id : 9019 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A vertical stick 20 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 : 9020 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Two poles of height 6 m and 11 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 :	69
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:	69
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 9021 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
This question consist of two words which have a certain relationship to each other followed by four pairs of related words. Select the pair which has the same relationship as

SWORD is to SOLDIER as NEEDLE is to

Options :
1. ✻ THREAD
2. ✻ SEWING
3. ✻ BUTTON
4. ✔ TAILOR

Question Number : 72 Question Id : 9022 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
This question consist of two words which have a certain relationship to each other followed by four pairs of related words. Select the pair which has the same relationship as

EMBARRASSED is to HUMILIATED as FRIGHTENED is to
Options :
1. ✔ TERRIFIED
2. ✻ AGITATED
3. ✻ COURAGEOUS
4. ✻ RECKLESS

Question Number : 73 Question Id : 9023 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Which number would replace the question mark (?) in the series below:

202, 204, ?, 210, 214, 216

Options :
1. ✔ 208
2. ✖ 205
3. ✖ 206
4. ✖ 207

Question Number : 74 Question Id : 9024 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Which number follows the series?

10, 20, 20, 40, 30, 60, 40, _

Options :
1. ✖ 50
2. ✖ 30
3. ✔ 80
4. ✖ 70

Question Number : 75 Question Id : 9025 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Choose the missing term out of the given alternatives.

CNN, EPP, GRR, ?, KVV

Options :
1. ✖ GRR
2. ✖ GTT
3. ✖ ISS
4. ✔ ITT

Question Number : 76 Question Id : 9026 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In a certain language 'INFORM' is coded as JMGNSL. How will 'BREATH' be coded in that language?

Options :
1. ✔ CQFZQG
2. ✖ CQFZGQ
3. ✖ CRZFQG
4. ✖ CRFZQG

Question Number : 77 Question Id : 9027 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

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

Options :

1. ✔ Blue

2. ✖ Water

3. ✖ Green

4. ✖ Air

Question Number : 78 Question Id : 9028 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In a certain code, 'LATE' is written as '121205'. How will 'PRIDE' be written in that same code?

Options :

1. ✔ 1618945

2. ✖ 1617854

3. ✖ 1618495

4. ✖ 1619945

Question Number : 79 Question Id : 9029 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Find the similarity in the series:

Tomato, Peach, Apple, Pear

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 throughout in India.

Question Number : 80 Question Id : 9030 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Find the similarity in the series:

Bottle, Shop, Pencil, River

Options :

1. ✖ They don't have any similarity.

2. ✔ They are all countable nouns.

3. ✖ They are found in every town.

4. ✖ They are all names of birds.

Question Number : 81 Question Id : 9031 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In the given question find out the relationship from the statement :

Ram's mother is the only daughter of Priya's father. How is Priya's husband related to Ram?

Options :

1. ✖ Uncle
2. ✔ Father
3. ✖ Grandfather
4. ✖ Brother

Question Number : 82 Question Id : 9032 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
P is the son of Q. R, Q's sister has a son S and a daughter T. U is the maternal uncle of S. How is P related to S?

Options :
1. ✔ Cousin
2. ✖ Nephew
3. ✖ Uncle
4. ✖ Brother

Question Number : 83 Question Id : 9033 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Showing the man receiving a prize, Naina said, "He is the brother of my uncle's daughter". How is the man related to Naina?

Options :
1. ✔ Cousin
2. ✖ Son
3. ✖ Nephew
4. ✖ Uncle

Question Number : 84 Question Id : 9034 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
A scenario is given. Use your analytical skills to find the best answer from the given options :

Science allows us to expand our horizons. Science tells us about technological trends, patterns of disease, and the growth of populations. Science is good at exposing the truth, but it can also perpetuate misunderstandings and untruths. Figures have the power to mislead people.
This paragraph best supports the statement that

Options :
1. ✖ The study of Science is dangerous.
2. ✖ The power of patterns is that they cannot lie.
3. ✔ Figures are sometimes used to deceive people.
4. ✖ Words are more truthful than figures.

Question Number : 85 Question Id : 9035 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
A situation is given. Use your quantitative aptitude skills to find the best answer from the given options :

A clock gains 10 minutes in one hour. Therefore, the angle traversed by the minute hand in one minute is _____.

Options :

1. ✔ 360 degrees
2. ✘ 420 degrees
3. ✘ 390 degrees
4. ✘ 300 degrees

For the above question, User had specified 'ignore' during keys upload.

Question Number : 86 Question Id : 9036 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
A situation is given. Use your quantitative aptitude skills to find the best answer from the given options :

X walks from P to Q at 5 km/hr. and from Q to P at 10 km/hr. What is X's average speed?

Options :
1. ✘ 5.5 Km/hr.
2. ✘ 6 Km/hr.
3. ✘ 7.5 Km/hr.
4. ✔ 6.6 Km/hr.

Question Number : 87 Question Id : 9037 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In the following question, two statements are given followed by two conclusions (I) and (II). Choose the conclusions which logically follow from the given statements.

Statements: In a cricket test match, a total of 700 runs were scored by both the teams. There were 4 centuries scored in total, 2 by openers.

Conclusions:

    I.   Openers from both the teams scored centuries.
    II.   All the centuries were scored by one of the team.

Options :
1. ✘ Only (I) conclusion follows.
2. ✘ Only (II) conclusion follows.
3. ✘ Either (I) or (II) follows.
4. ✔ Neither (I) nor (II) follow.

Question Number : 88 Question Id : 9038 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In the following question, two statements are given followed by two conclusions (I) and (II). Choose the conclusions which logically follow from the given statements

Statements: Parents in general, in India, don't encourage their children to take up sports as a career. The number of medals India scores in worldwide events is the lowest compared to the size of our population.

Conclusions:

    I. The school curriculum should be changed to make sports and games compulsory.
    II. Children need the initial push or motivation from the parents.

Options :

1. ✖ Only (I) conclusion follows.
2. ✔ Only (II) conclusion follows.
3. ✖ Either (I) or (II) follows.
4. ✖ Neither (I) nor (II) follows.

Question Number : 89 Question Id : 9039 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Rearrange the following jumbled sentences to make a meaningful one:

I am _____

P: going

Q: to get

R: to the market

S: some vegetables for dinner

The proper sequence should be:

Options :
1. ✖ PQRS
2. ✔ PRQS
3. ✖ PRSQ
4. ✖ QPRS

Question Number : 90 Question Id : 9040 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
Rearrange the following jumbled sentences to make a meaningful one:

P: are good friends

Q: i

R: my uncle

S: and

The proper sequence should be:

Options :
1. ✔ RSQP
2. ✖ PRSQ
3. ✖ PQRS
4. ✖ QPRS

Question Number : 91 Question Id : 9041 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

Rearrange the following jumbled sentences to make a meaningful one:

He _____

P: every morning

Q: used

R: to

S: wake us up

The proper sequence should be:

Options :

1. ✖ PQRS

2. ✔ QRSP

3. ✖ QPRS

4. ✖ SRPQ

Question Number : 92 Question Id : 9042 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, answer the question.

India's first interplanetary expedition – Mars Orbiter Mission (MOM) or Mangalyaan – has completed over 800 orbiting circles of the "Red Planet".

The orbiter that has already completed the scheduled six months, encircling Mars, can last several "years" in the Martian orbit with the 39 kilograms of fuel that it still has in its fuel tanks, said the chairman of Indian Space Research Organisation (ISRO) who said its mission was aimed at studying the Martian atmosphere. The Ceramic Servo Accelerometer, weighing about 50 grams, is one of the most important fuel-saving devices on-board the Mangalyaan.

Mangalyaan was launched to

Options :

1. ✖ Test the capability of the Ceramic Servo Accelerometer

2. ✖ Check if it can survive on low fuel

3. ✔ Study Planet Mars' atmosphere

4. ✖ Complete 800 orbits of Mars.

Question Number : 93 Question Id : 9043 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, you have to answer the questions using the data.

The population of a town increases by 10% in the first year, it increases by 20% in the second year and due to mass exodus, it decreases by 5% in the third year. What will be the change in population after 3 years, if it is 200,000 today?

Options :

1. ✖ 58,000
2. ✖ 50,400
3. ✖ 49,800
4. ✔ 50,800

Question Number : 94 Question Id : 9044 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
The question below consists of a question and three statements, labelled (I) (II) and (III), in which certain data are given. You have to decide whether the data given in the statements are sufficient for answering the question.

Question: What is Riya's rank from the top in a class of forty students?

Statements:

I. Riya is 3 ranks below Deep from the top.

II. Deep's rank from the bottom is 23.

III. Sohan is 3 ranks above Deep from the bottom.

Options :
1. ✖ II and III are required to answer the question.
2. ✔ I and II are required to answer the question.
3. ✖ All 3 statements are required.
4. ✖ Data insufficient to answer.

Question Number : 95 Question Id : 9045 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
The question below consists of a question and three statements, labelled (I) (II) and (III), in which certain data are given. You have to decide whether the data given in the statements are sufficient for answering the question.

Question: Who among Sagar, Narendra, Vishal and Mohan is the youngest?

Statements:

I. Vishal is younger than Mohan but older than Sagar and Narendra.

II. Mohan is the oldest.

III. Sagar is older than Narendra.

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 : 9046 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33

The question below consists of a question with 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 Sangeeta related to Nima?

Statements:

    I.   Sangeeta's husband is the only son of Nima's mother.
    II. Sangeeta's brother and Nima'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 : 9047 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
The question below consists of a question with 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: The last Sunday of May, 2015 fell on which date?

Statements:

I. The first Sunday of that month fell on 5th.

II. The last day of that month was Friday.

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 : 9048 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In this question, 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:

Statement: Beware of sniffer dogs, they do not bark, but they are trained to distinguish genuine travelers from smugglers.

Conclusions:

    I.   Sniffer dogs cannot bite.
    II.   Dogs could be dangerous for smugglers.

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 : 9049 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In this question, 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: Most adults remember little before their third or fourth birthdays, and the thinking has been that prior to this age children do not have the cognitive or language skills to process and store events as memories. Children have memories, but they often fade over time.

Conclusions:

I.   Very young children do not form memories.
II.   Memory crystallization starts at the age of around 6.

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 : 9050 Question Type : MCQ Option Shuffling : No
Correct : 1.0 Wrong : 0.33
In this question, 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:

Statement: Honeybees are the most important pollinators.

Conclusions:

I.   Honeybees help in fruiting of plants and trees.
II.   Honeybees are choosy with the type of nectar they gather.

Options :
1. ✖ Only conclusion I follows.

2. ✖ Only conclusion II follows.

3. ✔ Neither I nor II follows.

4. ✖ Both I and II follow.