

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 27th Dec shift 1 New
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RRB Exam for PWD

Group Number :	1
Group Id :	51
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 :	61
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:	61
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8751 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The annual "Buchi Babu Memorial Trophy" is awarded in which sport in India?

Options :

- ✗ Kabaddi
- ✓ Cricket
- ✗ Football

4. ✖ Tennis

Question Number : 2 Question Id : 8752 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The 2015 UN Climate Solutions Award was given to which Indian environment group for their work with waste pickers and eWaste?

Options :

1. ✖ Exnora International

2. ✖ Delhi

3. ✔ Chintan

4. ✖ Siruthuli

Question Number : 3 Question Id : 8753 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which is India's first 'visually impaired-friendly' railway station?

Options :

1. ✔ Mysuru

2. ✖ Chennai

3. ✖ Kochi

4. ✖ Vadodara

Question Number : 4 Question Id : 8754 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Reserve Bank of India declared State Bank of India (SBI) and which other bank as 'Domestic Systemically Important Banks' (D-SIBs)?

Options :

1. ✖ CBI

2. ✔ ICICI

3. ✖ IDBI

4. ✖ HDFC

Question Number : 5 Question Id : 8755 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The Beti Bachao Beti Padhao (BBBP) campaign was recently launched by Union Government in partnership with which company?

Options :

1. ✔ Celltick Mobile Media

2. ✖ Tata DoCoMo

3. ✖ Vodafone

4. ✖ Airtel

Question Number : 6 Question Id : 8756 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

India's rank in the 'World Giving Index' for the year 2015 was

Options :

1. ✖ 108

2. ✔ 106

3. ✖ 110

4. ✖ 1

Question Number : 7 Question Id : 8757 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which is the first Indian State to have fully privatized its power distribution network?

Options :

1. ✔ Maharashtra

2. ✖ Tamil Nadu

3. ✖ Odisha

4. ✖ West Bengal

Question Number : 8 Question Id : 8758 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Very high grade iron ore in India is mainly found in:

Options :

1. ✖ Anantpur district of AP

2. ✖ Degana in Rajasthan

3. ✖ Kudremukh range in Karnataka

4. ✔ Bailadila Mines in Chhattisgarh

Question Number : 9 Question Id : 8759 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The southwest monsoon arrives in India normally during:

Options :

1. ✔ June

2. ✖ December

3. ✖ March

4. ✖ October

Question Number : 10 Question Id : 8760 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which city of India stands on the River Yamuna?

Options :

1. ✖ Kolkata

2. ✖ Ahmedabad

3. ✔ Agra

4. ✖ Lucknow

Question Number : 11 Question Id : 8761 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Where is the largest capacity Solar power plant in India located?

Options :

1. ✖ Dhirubhai Ambani Solar Park, Rajasthan

2. ✔ Charanka Solar Park, Gujarat

3. ✖ Bitta Solar Power Plant, Gujarat

4. ✖ Mahindra & Mahindra Solar Plant, Rajasthan

Question Number : 12 Question Id : 8762 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which State in India leads in Tobacco production?

Options :

1. ✔ Andhra Pradesh
2. ✖ Punjab
3. ✖ Kerala
4. ✖ Madhya Pradesh

Question Number : 13 Question Id : 8763 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which State in India has South Asia's largest fresh water island?

Options :

1. ✖ UP
2. ✖ Karnataka
3. ✖ Bihar
4. ✔ Assam

Question Number : 14 Question Id : 8764 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In which Amendment to the Preamble of the Indian Constitution was the word 'Secular' introduced?

Options :

1. ✖ 40th Amendment
2. ✖ 41st Amendment
3. ✔ 42nd Amendment
4. ✖ 52nd Amendment

Question Number : 15 Question Id : 8765 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The 18th SAARC meet was held in November 2014 at

Options :

1. ✔ Kathmandu, Nepal
2. ✖ Islamabad, Pakistan
3. ✖ New Delhi, India
4. ✖ Colombo, Sri Lanka

Question Number : 16 Question Id : 8766 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The Hindu Widows Remarriage Act was enacted in which year?

Options :

1. ✔ 1856
2. ✖ 1865
3. ✖ 1855
4. ✖ 1869

Question Number : 17 Question Id : 8767 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which Mughal ruler was named "Zinda Pir - the Living Saint"?

Options :

1. ✖ Humayun
2. ✔ Aurangzeb
3. ✖ Akbar
4. ✖ Jahangir

Question Number : 18 Question Id : 8768 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In order to promote cultivation during the medieval period, the rulers of Deccan adopted measures like *istava*. What does Istava mean?

Options :

1. ✖ Grant of loans with low or no interest
2. ✔ Concessional assessment of land revenue
3. ✖ Cultivation of waste land
4. ✖ Remission of land revenue

Question Number : 19 Question Id : 8769 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which country topped the FIFA World football 'ranking for the year 2015?

Options :

1. ✔ Belgium
2. ✖ Argentina
3. ✖ Chile
4. ✖ Germany

Question Number : 20 Question Id : 8770 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which of these games is associated with the term "Grand Slam"?

Options :

1. ✔ Tennis
2. ✖ Chess
3. ✖ Cricket
4. ✖ Football

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

Question Number : 21 Question Id : 8771 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In which city is Major Dhyan Chand National Stadium situated?

Options :

1. ✔ Delhi
2. ✖ Mumbai
3. ✖ Chennai
4. ✖ Kolkata

Question Number : 22 Question Id : 8772 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which of the following gases is associated with 'acid rain'?

Options :

1. ☒ Sulphur dioxide
2. ☐ Nitrogen
3. ☐ Ozone
4. ☐ Carbon dioxide

Question Number : 23 Question Id : 8773 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which poisonous gas is created by incomplete burning of petrol or diesel in vehicles?

Options :

1. ☐ Carbon dioxide
2. ☒ Carbon monoxide
3. ☐ Methane
4. ☐ Ozone

Question Number : 24 Question Id : 8774 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

How many languages have been recognized in the Indian Constitution?

Options :

1. ☐ 20
2. ☒ 22
3. ☐ 27
4. ☐ 30

Question Number : 25 Question Id : 8775 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What was the time taken by the Constituent Assembly to frame the Constitution of India?

Options :

1. ☐ 1 year, 11 months, and 14 days
2. ☐ 2 years, 11 months, and 8 days
3. ☒ 2 years, 11 months, and 17 days
4. ☐ 2 years, 11 months, and 28 days

Question Number : 26 Question Id : 8776 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

To check the dwindling population of tigers in India, 'Project Tiger' was launched in

Options :

1. ☒ April 1973
2. ☐ May 1973
3. ☐ April 1937
4. ☐ April 1974

Question Number : 27 Question Id : 8777 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Fill in the blank: Dr.A.P.J Abdul Kalam was India'sthe President.

Options :

1. ✓ Eleventh
2. ✗ Twelfth
3. ✗ Thirteenth
4. ✗ Tenth

Question Number : 28 Question Id : 8778 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Hifikepunye Pohamba won the Mo Ibrahim award for African leadership in 2014. He was the President of which country at that time?

Options :

1. ✗ Egypt
2. ✓ Namibia
3. ✗ South Africa
4. ✗ Angola

Question Number : 29 Question Id : 8779 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

SIMBEX is an annual naval exercise between India and Singapore. In which year was it formalised?

Options :

1. ✗ 2014
2. ✗ 1999
3. ✗ 1984
4. ✓ 1994

Question Number : 30 Question Id : 8780 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What is the mission of satellite SMAP launched by NASA?

Options :

1. ✓ Observe and measure moisture of soil on Earth's surface.
2. ✗ Detect moisture in the atmosphere of Mars.
3. ✗ Measure rigidity of rocks on Moon.
4. ✗ Measure sea level on Earth.

Question Number : 31 Question Id : 8781 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which famous scientist, along with Emile Gagnan, invented the Aqua-Lung?

Options :

1. ✗ Thomas Edison
2. ✗ Isaac Newton
3. ✗ Leonardo da Vinci
4. ✓ Jacques Cousteau

Question Number : 32 Question Id : 8782 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What is the full form of AIDS?

Options :

1. ✓ Acquired Immuno Deficiency Syndrome
2. ✗ Adaptive Immuno Deficiency Syndrome
3. ✗ Acquired Immuno Disease Syndrome
4. ✗ Adaptive Immuno Disease Syndrome

Question Number : 33 Question Id : 8783 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What is the term used for the ability of a metal to be drawn into thin wires?

Options :

1. ✗ Malleability
2. ✓ Ductility
3. ✗ Extractive
4. ✗ Tactility

Question Number : 34 Question Id : 8784 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In which state is Kanha National Park located?

Options :

1. ✓ Madhya Pradesh
2. ✗ Assam
3. ✗ Uttar Pradesh
4. ✗ West Bengal

Question Number : 35 Question Id : 8785 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What is the nickname for the Great Bell of the clock at the north end of the Palace of Westminster in London?

Options :

1. ✗ Gisborne Millennium Countdown Clock
2. ✗ Glockenspiel
3. ✓ Big Ben
4. ✗ Nine O' Clock Gun

Question Number : 36 Question Id : 8786 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What is the full form of CCMB, a premier research institute?

Options :

1. ✗ Centre for Cellulose & Molecular Biology
2. ✓ Centre for Cellular & Molecular Biology
3. ✗ Centre for Cellular & Molecular Botany
4. ✗ Council for Cellular & Molecular Biology

Question Number : 37 Question Id : 8787 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which country recently launched the Tianhui-1C mapping satellite?

Options :

1. ☒ China
2. ☐ North Korea
3. ☐ Japan
4. ☐ South Korea

Question Number : 38 Question Id : 8788 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

How much is One MB is equal to?

Options :

1. ☐ 1000 KB
2. ☐ 1 billion bytes
3. ☒ 1024 KB
4. ☐ 1000 bytes

Question Number : 39 Question Id : 8789 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Mark Zuckerberg founded which company?

Options :

1. ☐ Google
2. ☒ Facebook
3. ☐ Microsoft
4. ☐ Airtel

Question Number : 40 Question Id : 8790 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which Windows program will you use to manage files and folders?

Options :

1. ☒ Windows Explorer
2. ☐ Windows Accessories
3. ☐ Microsoft Office
4. ☐ Windows Control Panel

ARITHMETIC

Section Id :	62
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:	62

Question Number : 41 Question Id : 8791 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Shankar bought a garden hose from the hardware store. The hose measured 10 metres in length.

Which measurement below is closest to its length?

Options :

1. ✖ 30 feet
2. ✔ 32.8 feet
3. ✖ 38.2 feet
4. ✖ 100 feet

Question Number : 42 Question Id : 8792 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the remainder when $(68 \times 75 \times 37)$ is divided by 35.

Options :

1. ✖ 16
2. ✔ 15
3. ✖ 21
4. ✖ 34

Question Number : 43 Question Id : 8793 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If $2494 \div 145 = 17.2$, then what is the value of $24.94 \div 1.45$?

Options :

1. ✖ 0.172
2. ✖ 1.72
3. ✔ 17.2
4. ✖ 172

Question Number : 44 Question Id : 8794 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The expression $(12.96 \times 12.96 + 12.96 \times \mathbf{B} + 0.04 \times 0.04)$ will be a perfect square when **B** is equal to

Options :

1. ✖ 0.02
2. ✖ 0.2
3. ✔ 0.08
4. ✖ 0.04

Question Number : 45 Question Id : 8795 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What will be the simplest form of this fraction operation $2\frac{1}{3} + \frac{4}{2}$?

Options :

1. ✖ 3
2. ✖ $1\frac{1}{3}$
3. ✔ $4\frac{1}{3}$

4. ✖ $3\frac{2}{3}$

Question Number : 46 Question Id : 8796 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which of the following set of numbers are ordered from least to greatest?

Options :

1. ✖ 2.66, $\frac{5}{2}$, $\frac{25}{8}$, $\frac{8}{5}$

2. ✖ $\frac{5}{2}$, 2.66, $\frac{8}{5}$, $\frac{25}{8}$

3. ✔ $\frac{8}{5}$, $\frac{5}{2}$, 2.66, $\frac{25}{8}$

4. ✖ $\frac{25}{8}$, 2.66, $\frac{5}{2}$, $\frac{8}{5}$

Question Number : 47 Question Id : 8797 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A rectangular court 140ft long and 525ft wide is to be paved with tiles. How many tiles will be needed if each tile is 2.5ft wide and 3.5ft long?

Options :

1. ✖ 4800

2. ✔ 8400

3. ✖ 84000

4. ✖ 8100

Question Number : 48 Question Id : 8798 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Four bells commence tolling together and toll at the intervals of 3, 9, 12, 15 seconds respectively. In 30 minutes time, how many times will they toll together?

Options :

1. ✖ 10

2. ✔ 11

3. ✖ 12

4. ✖ 21

Question Number : 49 Question Id : 8799 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Two containers contain 35 and 84 litres of water respectively. Find the maximum capacity of a container which can measure the water in each container an exact number of time (in litres).

Options :

1. ✖ 11

2. ✖ 5

3. ✔ 7

4. ✖ 12

Question Number : 50 Question Id : 8800 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Abdul is creating fruit baskets using 62 mangoes, 124 oranges and 31 apples. He wants each basket to be identical, with no fruits left over. What is the greatest number of baskets Abdul can create?

Options :

1. ✖ 12
2. ✖ 13
3. ✔ 31
4. ✖ 62

Question Number : 51 Question Id : 8801 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A started a business with Rs.32,000. After 4 months, B joins A in the same business by investing Rs.48,000. At the end of the year, in what ratio should they share their profits?

Options :

1. ✖ 5 : 6
2. ✔ 1 : 1
3. ✖ 3 : 2
4. ✖ 2 : 3

Question Number : 52 Question Id : 8802 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Two equal containers A and B are filled with a mixture of water and acid. The concentration of acid in each container is 25% and 35% respectively. What is the ratio of water in both the containers respectively?

Options :

1. ✖ 7 : 6
2. ✖ 13 : 15
3. ✔ 15 : 13
4. ✖ 11 : 12

Question Number : 53 Question Id : 8803 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Two numbers are less than the third number by 20% and 35%. By what percentage is the second number less than the first?

Options :

1. ✖ 8%
2. ✖ 18.5%
3. ✔ 18.75%
4. ✖ 11%

Question Number : 54 Question Id : 8804 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Due to an increase in 40% in the price of apples, 4 apples less are available for Rs 9.60. Find the present rate of apples per dozen.

Options :

1. ✖ Rs 5.72
2. ✔ Rs 6.72
3. ✖ Rs 7.62
4. ✖ Rs 7.52

Question Number : 55 Question Id : 8805 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If the area of a square field is 4096sq.m, then what is the length of its diagonal?

Options :

- 1. ☒ 90.5 m
- 2. ☐ 95 m
- 3. ☐ 89.5 m
- 4. ☐ 64 m

Question Number : 56 Question Id : 8806 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If the surface area of cube is 216sq.m, what is the length of its diagonal?

Options :

- 1. ☐ 18.25 m
- 2. ☒ 10.39 m
- 3. ☐ 13.56 m
- 4. ☐ 20.67 m

Question Number : 57 Question Id : 8807 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A boat can travel 2.1 km upstream in 7mins. If the ratio of the speed of the boat in still water to the speed of the stream is 7 : 1. How much time will the boat take to cover 17.6 km downstream?

Options :

- 1. ☐ 56 min
- 2. ☒ 44 min
- 3. ☐ 32 min
- 4. ☐ 48 min

Question Number : 58 Question Id : 8808 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A man can row at 5kmph in still water. If the velocity of the current is 1kmph and it takes him 1 hour to row to a place and come back. How far is that place?

Options :

- 1. ☐ 1.8 km
- 2. ☒ 2.4 km
- 3. ☐ 4.2 km
- 4. ☐ 4 km

Question Number : 59 Question Id : 8809 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If P can do 1/3rd of the work in 5 days and Q can do 1/4th of the same work in 6 days, then how much money will Q get if they are paid a total of Rs.780?

Options :

- 1. ☐ 200
- 2. ☐ 390
- 3. ☐ 480
- 4. ☒ 300

Question Number : 60 Question Id : 8810 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A total of 480 rupees is given to three people X, Y and Z. X and Y together can complete $\frac{7}{12}$ and Y and Z together can complete $\frac{5}{12}$. So, how much amount should be given to X?

Options :

1. ✗ 360
2. ✗ 230
3. ✓ 280
4. ✗ 240

Question Number : 61 Question Id : 8811 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

What will be the compound interest on a sum of Rs.50,000 after 3 years at the rate of 12 % p.a.?

Options :

1. ✗ Rs.10123.20
2. ✗ Rs.70246.40
3. ✓ Rs.20246.40
4. ✗ Rs.18000

Question Number : 62 Question Id : 8812 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

At what rate of compound interest per annum will a sum of Rs.1200 become Rs.1348.32 in 2 years?

Options :

1. ✓ 6%
2. ✗ 6.50%
3. ✗ 7%
4. ✗ 7.50%

Question Number : 63 Question Id : 8813 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A shopkeeper marks all his goods at 50% above the cost price and later offers a discount of 25% on that price. What is his actual profit on the sales?

Options :

1. ✗ 12%
2. ✗ 25%
3. ✗ 37.50%
4. ✓ 12.50%

Question Number : 64 Question Id : 8814 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A shopkeeper sells a badminton racket, whose market price is Rs.1000, at a discount of 15% and gives one shuttlecock costing Rs.50, free with each racket. Even then he makes a profit of 25%.

What is his cost price per racket?

Options :

1. ✗ Rs.800
2. ✗ Rs.600
3. ✓ Rs.640

4. ✖ Rs.750

Question Number : 65 Question Id : 8815 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Simplify the expression $(x^3 + 3y)(2x^3 + 3y)$.

Options :

- 1. ✖ $2x^6 + 9y^2$
- 2. ✖ $2x^9 + 9x^3y + 9y$
- 3. ✖ $20x^9y^2$
- 4. ✔ $2x^6 + 9x^3y + 9y^2$

Question Number : 66 Question Id : 8816 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If $3x + 2y = 10$ and $y = x - 1$, then what is the value of x ?

Options :

- 1. ✖ -6
- 2. ✖ -1.3333333333
- 3. ✔ 2.4
- 4. ✖ 2

Question Number : 67 Question Id : 8817 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The vertex angle of an isosceles triangle measures six times the measure of the base angle. Find the measure of the base angle.

Options :

- 1. ✖ 18°
- 2. ✖ 24°
- 3. ✔ 22.5°
- 4. ✖ 25.2°

Question Number : 68 Question Id : 8818 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which of the following is equivalent to $(1 + \tan^2 2\theta)$?

Options :

- 1. ✖ $\sec 2\theta$
- 2. ✖ $\operatorname{cosec}^2 \theta$
- 3. ✖ $\operatorname{cosec}^2 2\theta$
- 4. ✔ $\sec^2 2\theta$

Question Number : 69 Question Id : 8819 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the mode, median and mean of the following list of values:

15, 17, 16, 7, 10, 12, 14, 16, 19, 12, 16.

Options :

- 1. ✔ 16, 15, 14

- 2. ✖ 15, 16, 17
- 3. ✖ 16, 17, 18
- 4. ✖ 14, 16, 18

Question Number : 70 Question Id : 8820 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the range for the following list of values:

13, 18, 13, 14, 13, 16, 14, 21, 13

Options :

- 1. ✖ 13
- 2. ✖ 16
- 3. ✔ 8
- 4. ✖ 17

GENERAL INTELLIGENCE AND REASONING

Section Id :	63
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:	63
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 8821 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 words. Select the pair which has the same relationship as

GRIEF : CONSOLATION

Options :

- 1. ✖ comfort : stimulant
- 2. ✔ pain : sedative
- 3. ✖ trance : narcotic
- 4. ✖ ache : extraction

Question Number : 72 Question Id : 8822 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 words. Select the pair which has the same relationship as

DISTANCE : MILE

Options :

1. ✓ liquid : litre
2. ✗ solid : colour
3. ✗ weight : scale
4. ✗ fame : television

Question Number : 73 Question Id : 8823 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

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

2, 7, 17, 32, ?, 77

Options :

1. ✗ 51
2. ✗ 34
3. ✓ 52
4. ✗ 42

Question Number : 74 Question Id : 8824 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Which number is next in the series below?

4, 5, 10, 11, 22, 23,.....

Options :

1. ✗ 32
2. ✗ 64
3. ✓ 46
4. ✗ 60

Question Number : 75 Question Id : 8825 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In this question, an alphabet series is given with one term missing, shown by (?). Choose from the below options, the best choice for the missing term.

Y, B, T, G, O, ?

Options :

1. ✗ N
2. ✗ M
3. ✓ L
4. ✗ K

Question Number : 76 Question Id : 8826 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In a certain language, FIRE is coded as GJSF. What will be the last letter of the coded word for COAL?

Options :

1. ✗ O
2. ✗ K
3. ✓ M
4. ✗ N

Question Number : 77 Question Id : 8827 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

If TRAIN is coded as RPYGL, then how will COACH be coded?

Options :

1. ✗ YAFMY
2. ✗ AFMAY
3. ✓ AMYAF
4. ✗ AYMAF

Question Number : 78 Question Id : 8828 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In a certain language, if FELT is coded as EEKU, how will PORT be coded in that language?

Options :

1. ✓ OOQU
2. ✗ OQOU
3. ✗ QOOU
4. ✗ QUOO

Question Number : 79 Question Id : 8829 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the similarity in the series:

Swimming, Diving, Sailing

Options :

1. ✓ All are related to Water
2. ✗ All are related to Winter activities
3. ✗ All are related to Risk
4. ✗ All are related to Health

Question Number : 80 Question Id : 8830 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Find the similarity in the series:

PQXZ, CQPN, PRMN

Options :

1. ✖ All have letter Q in it.
2. ✖ All are starting with P.
3. ✔ There are no vowels.
4. ✖ There is no similarity.

Question Number : 81 Question Id : 8831 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Mary introduces Mark as the son of the only daughter of my mother's husband. How is Mary related to Mark?

Options :

1. ✖ Grandmother
2. ✖ Niece
3. ✔ Mother
4. ✖ Mother-in-law

Question Number : 82 Question Id : 8832 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Raj told Chandani, "Your mother's husband's sister is my aunt". How is Chandani related to Raj?

Options :

1. ✖ Daughter
2. ✔ Sister
3. ✖ Grand daughter
4. ✖ Mother

Question Number : 83 Question Id : 8833 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Neelu, who is Mohit's daughter, says to Bindu, "Your mother Reeta is the younger sister of my father, who is the third child of Sohanji". How is Sohanji related to Bindu?

Options :

1. ✖ Maternal Uncle
2. ✖ Father
3. ✔ Grand father
4. ✖ Father-in-law

Question Number : 84 Question Id : 8834 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Four employees Anil, Sameer, Navin and Varun, each have to perform duties at the airport on four different days, Thursday to Sunday. Their duty schedule is as follows: Navin has his duty day before Anil, and, Varun has his duty day after Sameer.

Which of the following can be a possible order of duty of the four employees?

Options :

1. ✔ Navin, Varun, Anil, Sameer
2. ✖ Varun, Navin, Anil, Sameer
3. ✖ Sameer, Navin, Varun, Anil

4. ✖ Anil, Navin, Varun, Sameer

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

Question Number : 85 Question Id : 8835 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:

My bag can carry no more than ten books. I must carry at least one book each of History, Science, Math and Dictionary. Also, for every History book I carry, I must carry two or more Dictionary books and for every Science book I carry, I must carry two or more Math books. I earn 4, 3, 2 and 1 points for each History, Science, Math and Dictionary book, respectively, I carry in my bag. I want to maximize the points, I can earn by carrying the most appropriate combination of books in my bag. The maximum points that I can earn is:

Options :

- 1. ✖ 20
- 2. ✖ 21
- 3. ✔ 22
- 4. ✖ 238

Question Number : 86 Question Id : 8836 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A person is travelling by car and the mileage is 100 ml. of petrol per km (Petrol costs Rs.10 per litre). If a person travels from Delhi to Mumbai, what is the cost of petrol?

Options :

- 1. ✖ Rs.1500
- 2. ✖ Rs.1355.5
- 3. ✖ Rs.999
- 4. ✔ Cannot be determined

Question Number : 87 Question Id : 8837 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).

Assuming the statements to be true, even if they do not conform to the well-known facts, decide which conclusion(s) logically follow.

Statements:

- A. Some actors are singers.
- B. All the singers are dancers.

Conclusions:

- 1. Some actors are dancers.
- 2. All singers are actors

Options :

- 1. ✔ Only conclusion (1) follows.

- 2. ✖ Only conclusion (2) follows.
- 3. ✖ Either (1) or (2) follows.
- 4. ✖ Neither (1) nor (2) follow.

Question Number : 88 Question Id : 8838 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).

Assuming the statements to be true, even if they do not conform to the well-known facts, decide which conclusion(s) logically follow.

Statements:

- A. All the Guitars are instruments.
- B. All the instruments are flutes.

Conclusions:

- 1. All the flutes are instruments.
- 2. All the Guitars are flutes.

Options :

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

Question Number : 89 Question Id : 8839 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Rearrange the following jumbled sentences to make a meaningful one.

When he _____

P : did not know

Q : he was nervous and

R : heard the hue and cry at midnight

S : what to do

The proper sequence should be:

Options :

- 1. ✔ RQPS
- 2. ✖ QSPR
- 3. ✖ SQPR
- 4. ✖ PQRS

Question Number : 90 Question Id : 8840 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Rearrange the following jumbled sentences to make a meaningful one.

It has been established that _____

P : Einstein was

Q : although a great scientist

R : weak in arithmetic

S : right from his school days

The proper sequence should be:

Options :

1. ✗ SRPQ

2. ✓ QPRS

3. ✗ QPSR

4. ✗ RQPS

Question Number : 91 Question Id : 8841 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

Rearrange the following jumbled sentences to make a meaningful one.

Then _____

P : it struck me

Q : connected to each other

R : they were

S : how indirectly

The proper sequence should be:

Options :

1. ✗ SPQR

2. ✗ QSRP

3. ✓ PSRQ

4. ✗ QPSR

Question Number : 92 Question Id : 8842 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The domestic expenditure in percentage terms of a family are: Travel 12%, Food 25%, House Rent 18%, Entertainment 9%, Child Education 23%, and Medical 13%. If the total monthly income of the family is Rs.55250, then the house rent per year is

Options :

1. ✗ Rs.9945

2. ✗ Rs.113940

3. ✓ Rs.119340

4. ✗ Rs.9495

Question Number : 93 Question Id : 8843 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

A bank offers 5% compound interest calculated on yearly basis. A customer deposits Rs.1600 each on 1st January of the first year and 1st January of the next year. At the end of the 2nd year, the amount the customer would have gained by way of interest is:

Options :

1. ✗ Rs.240
2. ✗ Rs.120
3. ✗ Rs.242
4. ✓ Rs.244

Question Number : 94 Question Id : 8844 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The question below consists of a question and two statements, labelled (1) and (2), in which certain data are given. You have to decide whether the data given in the statements are sufficient for answering the question.

Question: Is 'X' an integer?

Statements:

1. X^4 is an integer.
2. $3X$ is an integer.

Options :

1. ✗ Statement (1) alone is sufficient while (2) alone is not sufficient.
2. ✓ Both the statements are required to answer the question.
3. ✗ Either (1) or (2) is sufficient.
4. ✗ Neither (1) nor (2) is sufficient.

Question Number : 95 Question Id : 8845 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The question below consists of a question and two statements, labelled 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.

Question: In which year was Rahul born?

Statements:

- I. Rahul at present is 25 years younger to his mother.
- II. Rahul's brother, who was born in 1964, is 35 years younger to his mother.

Options :

1. ✗ Statement I alone is sufficient while II alone is not sufficient.
2. ✗ Statement II alone is sufficient while I alone is not sufficient.
3. ✓ Both the statements are required to answer the question.
4. ✗ Neither I nor II is sufficient.

Question Number : 96 Question Id : 8846 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The question below consists of a question and two statements, labelled 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.

Question: What will be the total weight of 10 suitcases, each of the same weight?

Statements:

- I. One-fourth of the weight of each suitcase is 1 kg.
- II. The total weight of three suitcases is 4 kilograms more than the total weight of two suitcases.

Options :

- 1. ✖ Statement I alone is sufficient while II alone is not sufficient.
- 2. ✔ Either I or II is sufficient.
- 3. ✖ Neither I nor II is sufficient.
- 4. ✖ Both the statements are required to answer the question.

Question Number : 97 Question Id : 8847 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

The question below consists of a question and two statements, labelled 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.

Question: How many children does A have?

Statements:

- I. D is the only daughter of W who is wife of A.
- II. B1 and B2 are brothers of A.

Options :

- 1. ✖ Statement I alone is sufficient while II alone is not sufficient.
- 2. ✖ Statement 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 : 8848 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In the question below, a statement is given followed by two conclusions numbered 1 and 2. You have to assume everything in the statement to be true, then consider the two conclusions and decide which of them logically follows the information given in the statement.

Statement:

Candidate A, who appeared for the interview does not have the desired qualifications. Candidate B, who also appeared for the same interview does not have the personal values and skills required for the post. But, both the candidates were selected for the post by the interview panel.

Conclusion:

1. The inclusion of specialists on the interview panel did not help much in the proper selection of the candidates.
2. The interview test is bound by limitations in the matter of selection of candidates for the post.

Options :

1. ✖ Only conclusion 1 follows.
2. ✖ Only conclusion 2 follows.
3. ✖ Neither 1 nor 2 follows.
4. ✔ Both 1 and 2 follow.

Question Number : 99 Question Id : 8849 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In the question below, a statement is given followed by two conclusions numbered 1 and 2. You have to assume everything in the statement to be true, then consider the two conclusions and decide which of them logically follows the information given in the statement.

Statement:

Company A has a record of manufacturing television sets of great picture quality, sound and experience so that one does not get upset with its performance irrespective of using it for a number of years.

Conclusion:

1. Only Company A is reputed in manufacturing television sets of great quality.
2. Anyone would enjoy the experience of watching this brand television

Options :

1. ✖ Only conclusion 1 follows.
2. ✔ Only conclusion 2 follows.
3. ✖ Neither 1 nor 2 follows.
4. ✖ Both 1 and 2 follow.

Question Number : 100 Question Id : 8850 Question Type : MCQ Option Shuffling : No

Correct : 1.0 Wrong : 0.33

In the question below, a statement is given followed by two conclusions numbered 1 and 2. You have to assume everything in the statement to be true, then consider the two conclusions and decide which of them logically follows the information given in the statement.

Statement:

The principal tells the vice-principal - 'We should inform all our teachers not to use their mobile phones during class hours'

Conclusions:

1. Teacher's efficiency will not increase by stopping this.
2. Using mobiles during class hours is desirable.

Options :

1. ✖ Only conclusion 1 follows.
2. ✖ Only conclusion 2 follows.
3. ✔ Neither 1 nor 2 follows.
4. ✖ Both 1 and 2 follow.