



# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

### Level-1 Posts CEN-02/2018

ame:	
me:	ION Digital Zone iDZ Kovilambakkam
	04/10/2018
	9:00 AM - 10:30 AM
	Level 1

green color with a tick icon are correct  
top right of the question indicates the option selected by the candidate  
icated against the Question ID and Option ID are the numbers to be noted and used for raising objections

covered the theory of nuclear forces?

I. Bose

eki Hukawa

Bose

Thomson

Question ID :6789131988

Option 1 ID :6789137950

Option 2 ID :6789137949

Option 3 ID :6789137952

Option 4 ID :6789137951

Status :Not Answered

Chosen Option :-

- cosec<sup>2</sup>θ = 1.24, then cot<sup>4</sup>θ + cot<sup>2</sup>θ = ?

Question ID :6789131923

Option 1 ID :6789137690

Option 2 ID :6789137691

Option 3 ID :6789137692

- 2. Shikha Tandon
- 3. Sajan Prakash
- 4. Murlikant Petkar

Question ID :6789131982

Option 1 ID :6789137925

Option 2 ID :6789137928

Option 3 ID :6789137927

Option 4 ID :6789137926

Status :Not Answered

Chosen Option :-

Q.4 Identify the avid mountaineer who, in May 2017, became the first woman in the world to scale Mount Everest twice in a season. She also holds the record of fastest double ascent by a woman to the world's highest peak?

Ans  1. Anshu Jamsenpa

2. Malavath Purna

3. Arunima Sinha

4. Premlata Agrawal

Question ID :6789131989

Option 1 ID :6789137955

Option 2 ID :6789137956

Option 3 ID :6789137953

Option 4 ID :6789137954

Status :Not Answered

Chosen Option :-

Q.5 -3, -8, -13, -18, \_\_\_\_\_ the sum of first 10<sup>th</sup> term in the sequence is:

Ans  1. -250

2. -260

3. -255

4. -245

Question ID :6789131938

Option 1 ID :6789137750

Option 2 ID :6789137752

Option 3 ID :6789137751

Option 4 ID :6789137749

Status :Answered

Chosen Option :3

Q.6 The sum of  $\frac{5}{12}$  and  $\frac{12}{5}$  is:

Ans  1.  $\frac{17}{60}$

2.  $\frac{60}{17}$

3.  $\frac{17}{17}$

✓ 4.  $\frac{169}{60}$

Question ID :6789131901

Option 1 ID :6789137601

Option 2 ID :6789137602

Option 3 ID :6789137604

Option 4 ID :6789137603

Status :Answered

Chosen Option :4

Q.7 Sound generated by a single frequency is called \_\_\_\_\_.

Ans ✓ 1. tone

✗ 2. wavelength

✗ 3. amplitude

✗ 4. pitch

Question ID :6789131963

Option 1 ID :6789137850

Option 2 ID :6789137852

Option 3 ID :6789137851

Option 4 ID :6789137849

Status :Answered

Chosen Option :4

Q.8 In Mendeleev's periodic table, table \_\_\_\_\_ appeared before Nickel.

Ans ✓ 1. Co

✗ 2. Rb

✗ 3. Mo

✗ 4. Sr

Question ID :6789131974

Option 1 ID :6789137895

Option 2 ID :6789137893

Option 3 ID :6789137896

Option 4 ID :6789137894

Status :Not Answered

Chosen Option :-

Q.9 A fraction when taken away from  $\frac{1}{5}$  gives  $\frac{1}{12}$ . What is the fraction?

Ans ✓ 1.  $\frac{7}{60}$

✗ 2.  $\frac{11}{30}$

✗ 3.  $\frac{5}{12}$

✗ 4.  $\frac{1}{7}$

Question ID :6789131902

Option 1 ID :6789137607

Option 2 ID :6789137606

Option 3 ID :6789137608

Option 4 ID :6789137605

Status :Answered

Chosen Option :1

Q.1  
0 Which two words were added to the Preamble of the Indian Constitution by the 42nd Amendment, in 1976?

- Ans
- 1. Socialist, Secular
  - 2. Secular, Fraternity
  - 3. Democratic, Republic
  - 4. Justice, Liberty

Question ID :6789131993

Option 1 ID :6789137970

Option 2 ID :6789137969

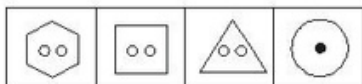
Option 3 ID :6789137971

Option 4 ID :6789137972

Status :Answered

Chosen Option :1

Q.1  
1 Find the odd figure out from among the given figures.



A

B

C

D

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

Question ID :6789131947

Option 1 ID :6789137786

Option 2 ID :6789137787

Option 3 ID :6789137785

Option 4 ID :6789137788

Status :Answered

Chosen Option :4

Q.1  
2 Force = \_\_\_\_\_.

- Ans
- 1. mass  $\times$  acceleration
  - 2. mass  $\times$  volume
  - 3. mass  $\times$  pressure
  - 4. mass  $\times$  velocity

Question ID :6789131956

Option 1 ID :6789137822  
Option 2 ID :6789137824  
Option 3 ID :6789137823  
Option 4 ID :6789137821  
Status :Answered  
Chosen Option :1

Q.1 As of 1<sup>st</sup> March 2018, who among the following is India's Permanent Representative to the United Nations?

3

Ans

- ✓ 1. Rajiv Kumar Chander
- ✗ 2. Hardeep Singh
- ✗ 3. Nirupam Sen
- ✗ 4. Nirupama Menon Rao

Question ID :6789131987  
Option 1 ID :6789137946  
Option 2 ID :6789137948  
Option 3 ID :6789137947  
Option 4 ID :6789137945  
Status :Not Answered  
Chosen Option :-

Q.1 The plants in \_\_\_\_\_ group are commonly called algae.

4

Ans

- ✗ 1. Gymnosperm
- ✗ 2. Bryophyta
- ✗ 3. Pteridophyta
- ✓ 4. Thallophyta

Question ID :6789131977  
Option 1 ID :6789137906  
Option 2 ID :6789137907  
Option 3 ID :6789137905  
Option 4 ID :6789137908  
Status :Answered  
Chosen Option :2

Q.1 \_\_\_\_\_ give evidences of evolutionary relationships.

5

Ans1.

- 1. Rocks
- 2. Ocean beds
- 3. River beds
- 4. Fossils

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID :6789131980  
Option 1 ID :6789137917  
Option 2 ID :6789137918  
Option 3 ID :6789137920  
Option 4 ID :6789137919

Q.1  
6 A cylinder has the same height as the radius of its base. A hollow sphere has the same outer radius as that of the base of the cylinder while the inner radius is half of the outer radius. Find the ratio of the volumes of the cylinder to the hollow sphere.

- Ans
- 1. 5 : 6
  - 2. 7 : 8
  - 3. 6 : 7
  - 4. 3 : 4

Question ID : 6789131919  
Option 1 ID : 6789137673  
Option 2 ID : 6789137675  
Option 3 ID : 6789137674  
Option 4 ID : 6789137676  
Status : **Not Answered**  
Chosen Option :-

Q.1  
7 Babur made his first raid into India in \_\_\_\_\_.

- Ans
- 1. 1519
  - 2. 1521
  - 3. 1535
  - 4. 1544

Question ID : 6789131995  
Option 1 ID : 6789137977  
Option 2 ID : 6789137978  
Option 3 ID : 6789137980  
Option 4 ID : 6789137979  
Status : **Answered**  
Chosen Option : 2

Q.1  
8 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

**Statement:** "Beware of the dog," a signboard states.

**Assumptions:**

- I. Dogs protect the home.
- II. Dogs are the most loyal animals.

- Ans
- 1. Neither I nor II is implicit
  - 2. Only assumption I is implicit
  - 3. Only assumption II is implicit
  - 4. Both I and II are implicit.

Question ID : 6789131934  
Option 1 ID : 6789137735  
Option 2 ID : 6789137733

Option 3 ID :6789137734  
Option 4 ID :6789137736  
Status :Answered  
Chosen Option :2

Q.1 Two pipes X and Y can fill up a tank in 32 minutes and 16 minutes respectively. If both the pipes are opened simultaneously, after how much time should Y be closed, so that the tank is full in 20 minutes?

- Ans
- 1. 6 minutes
  - 2. 10 minutes
  - 3. 4 minutes
  - 4. 8 minutes

Question ID :6789131918  
Option 1 ID :6789137670  
Option 2 ID :6789137672  
Option 3 ID :6789137669  
Option 4 ID :6789137671  
Status :Answered  
Chosen Option :1

Q.2 Consider the given statement(s) and decide which of the given assumption(s) is/are implicit in the statement.

0 **Statement :** Organisations that follow certain business ethics have better chances of survival, compared to those whose only goal is to earn profits

**Assumptions:**

- I. A written code of ethics to let the employees know the do's and dont's of an organisation is important.
- II. Organisations should focus on training employees on code of ethics.

- Ans
- 1. Both I and II are implicit.
  - 2. Only assumption I is implicit
  - 3. Only assumption II is implicit
  - 4. Neither I nor II is implicit

Question ID :6789131933  
Option 1 ID :6789137732  
Option 2 ID :6789137729  
Option 3 ID :6789137730  
Option 4 ID :6789137731  
Status :Answered  
Chosen Option :4

Q.2 Read the following information carefully and answer the question that is given below:

1

Amrith is older than Manish. Vishnu is older than Manish but younger than Amrith. Dhivakar is younger than Rakesh and Manish. Manish is older than Rakesh.

Who is the eldest?

- Ans
- 1. Manish
  - 2. Rakesh
  - 3. Vishnu
  - 4. Amrith

Question ID :6789131943

Option 1 ID :6789137770

Option 2 ID :6789137769

Option 3 ID :6789137772

Option 4 ID :6789137771

Status :Answered

Chosen Option :1

Q.2  
2 Find the value of  $\sqrt{0.7}$

Ans  1. 0.948

2. 0.598

3. 0.894

4. 0.836

Question ID :6789131906

Option 1 ID :6789137621

Option 2 ID :6789137624

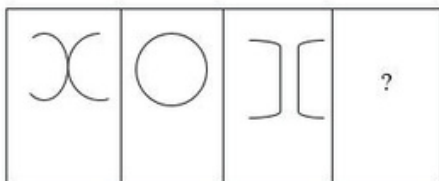
Option 3 ID :6789137623

Option 4 ID :6789137622

Status :Answered

Chosen Option :4

Q.2  
3 Choose the correct option to complete the series.

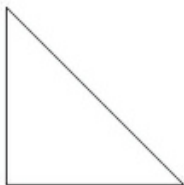


Ans

1.



2.

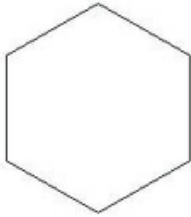


3.





X 4.



Question ID :6789131928

Option 1 ID :6789137711

Option 2 ID :6789137710

Option 3 ID :6789137712

Option 4 ID :6789137709

Status :Answered

Chosen Option :1

Q.2  
4 With which of the following sports is S.V. Sunil related?

- Ans
- X 1. Table tennis
  - ✓ 2. Hockey
  - X 3. Badminton
  - X 4. Cricket

Question ID :6789131983

Option 1 ID :6789137932

Option 2 ID :6789137930

Option 3 ID :6789137931

Option 4 ID :6789137929

Status :Answered

Chosen Option :3

Q.2  
5 A force of 10 N is acting on an object. The object is displaced through 5 m in the direction of force. Then the work done is:

- Ans
- X 1. -50 J
  - ✓ 2. 50 J
  - X 3. -50 N
  - X 4. 50 N

Question ID :6789131960

Option 1 ID :6789137840

Option 2 ID :6789137838

Option 3 ID :6789137839

Option 4 ID :6789137837

Status :Answered

Chosen Option :1

Q.2  
6

Each question given below consists of a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument.

**Statement:** Is morning dose of coffee good for health?

**Arguments :**

- I. Yes, coffee contains high antioxidants and many minerals which supply essential nutrients to the body.
- II. No, consuming too much coffee can lead to panic anxiety attacks and also reduces the quality of sleep.

- Ans
- 1. Only argument I is strong
  - 2. Both I and II are strong.
  - 3. Neither I nor II is strong
  - 4. Only argument II is strong

Question ID :6789131932

Option 1 ID :6789137725

Option 2 ID :6789137728

Option 3 ID :6789137727

Option 4 ID :6789137726

Status :Answered

Chosen Option :1

Q.2 Find the missing word.

7

Leap (\_\_\_\_)Jump

- Ans
- 1. Walk
  - 2. Descend
  - 3. Bounce
  - 4. Run

Question ID :6789131949

Option 1 ID :6789137795

Option 2 ID :6789137794

Option 3 ID :6789137796

Option 4 ID :6789137793

Status :Answered

Chosen Option :3

Q.2 Four words have been given below of which three are alike in some way and one is different. Choose the odd one out:

8

- Ans
- 1. ISM Dhanbad
  - 2. (CBI) Central Bureau of Investigation
  - 3. NIT Warangal
  - 4. BHU Varanasi

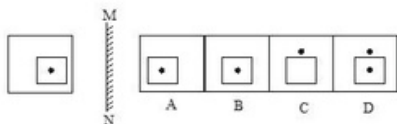
Question ID :6789131927

Option 1 ID :6789137705

Option 2 ID :6789137708

Option 3 ID :6789137707

Q.2 Find the mirror image of the following figure if the mirror is placed at line MN.



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

Question ID :6789131952  
Option 1 ID :6789137805  
Option 2 ID :6789137807  
Option 3 ID :6789137808  
Option 4 ID :6789137806  
Status :Answered  
Chosen Option :1

Q.3 Choose the correct figure that will fit in the blank space in the following series.



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

Question ID :6789131946  
Option 1 ID :6789137781  
Option 2 ID :6789137784  
Option 3 ID :6789137783  
Option 4 ID :6789137782  
Status :Answered  
Chosen Option :4

Q.3 Which process of fusion of sperm and ova results in the formation of a single structure called zygote?  
1

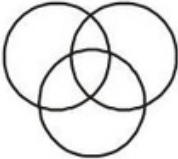
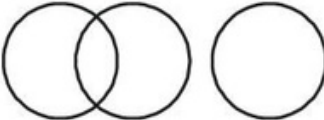
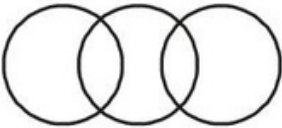
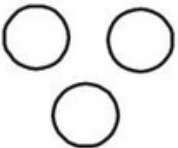
- Ans
- 1. Fragmentation
  - 2. Fertilisation
  - 3. Sexual reproduction
  - 4. Tissue culture

Question ID :6789131979  
Option 1 ID :6789137913  
Option 2 ID :6789137916  
Option 3 ID :6789137915  
Option 4 ID :6789137914  
Status :Answered  
Chosen Option :2

Q.3  
2 Choose the best suitable Venn diagram for the following words

Capsicum, Mat, Rat.

Ans

- 1. 
- 2. 
- 3. 
- 4. 

Question ID :6789131950  
Option 1 ID :6789137799  
Option 2 ID :6789137800  
Option 3 ID :6789137798  
Option 4 ID :6789137797  
Status :Answered  
Chosen Option :2

Q.3  
3 45 men can complete a piece of work in 12 days. In how many days will 36 men be able to complete it?

- Ans
- 1. 10
  - 2. 16

3. 18

4. 15

Question ID :6789131915

Option 1 ID :6789137659

Option 2 ID :6789137660

Option 3 ID :6789137657

Option 4 ID :6789137658

Status :Answered

Chosen Option :4

Q.3  
4 Who hosted recently concluded ASIA CUP Men's Cricket tournament?

Ans  1. UAE

2. Bangladesh

3. Nepal

4. China

Question ID :6789131981

Option 1 ID :6789137922

Option 2 ID :6789137924

Option 3 ID :6789137923

Option 4 ID :6789137921

Status :Answered

Chosen Option :1

Q.3  
5 The chemical formula of ferrous sulphate crystal is \_\_\_\_\_

Ans  1.  $\text{FeSO}_4 \cdot 4\text{H}_2\text{O}$

2.  $\text{FeSO}_4 \cdot 5\text{H}_2\text{O}$

3.  $\text{FeSO}_4 \cdot 6\text{H}_2\text{O}$

4.  $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$

Question ID :6789131970

Option 1 ID :6789137880

Option 2 ID :6789137879

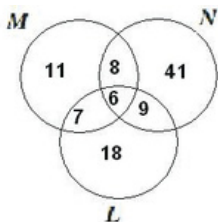
Option 3 ID :6789137878

Option 4 ID :6789137877

Status :Answered

Chosen Option :3

Q.3  
6



The above Venn diagram represent the students who play 3 sports M, N and L in a class.

Total number of students who play game M is:

- Ans
- 1. 7
  - 2. 11
  - 3. 32
  - 4. 21

Question ID :6789131951

Option 1 ID :6789137803

Option 2 ID :6789137801

Option 3 ID :6789137802

Option 4 ID :6789137804

Status :Answered

Chosen Option :3

Q.3  
7 A tractor can finish its journey in 10 hours at the speed of 36 km/hr. If the same distance must be covered in 8 hours, what should be the speed of the tractor?

- Ans
- 1. 60 km/hr
  - 2. 50 km/hr
  - 3. 45 km/hr
  - 4. 55 km/hr

Question ID :6789131913

Option 1 ID :6789137652

Option 2 ID :6789137650

Option 3 ID :6789137649

Option 4 ID :6789137651

Status :Answered

Chosen Option :3

Q.3  
8 The Gulf of Bothnia is situated between two countries. One of them is Finland. Which is the other country?

- Ans
- 1. Denmark
  - 2. Russia
  - 3. Sweden
  - 4. Norway

Question ID :6789131997

Option 1 ID :6789137985

Option 2 ID :6789137988

Option 3 ID :6789137986

Option 4 ID :6789137987

Status : **Answered**  
Chosen Option : 4

Q.3  
9 Choose the option that is NOT true about vascular system.

- Ans
- 1. Blood flows at low pressure, with jerk and faster in them.
  - 2. It forms about 7-8% of the body weight.
  - 3. Blood is commonly called river of life.
  - 4. Life span of human RBCs is 115-120 days.

Question ID : 6789131978  
Option 1 ID : 6789137909  
Option 2 ID : 6789137910  
Option 3 ID : 6789137911  
Option 4 ID : 6789137912  
Status : **Answered**  
Chosen Option : 4

Q.4  
0 Find out the least number to be added to 1051 to make it completely divisible by 33.

- Ans1. 31
- 2. 33
  - 3. 38
  - 4. 36

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : 6789131939  
Option 1 ID : 6789137754  
Option 2 ID : 6789137755  
Option 3 ID : 6789137753  
Option 4 ID : 6789137756  
Status : **Answered**  
Chosen Option : 3

Q.4  
1 Anusri is eleven years younger than Yashomati. Fifteen years from now, Yashomati's age will be three times Anusri's present age. What is Yashomati's present age?

- Ans
- 1. 21 years
  - 2. 24 years
  - 3. 20 years
  - 4. 23 years

Question ID : 6789131917  
Option 1 ID : 6789137665  
Option 2 ID : 6789137668  
Option 3 ID : 6789137666  
Option 4 ID : 6789137667  
Status : **Answered**  
Chosen Option : 2

Q.4 The HCF of 66, 198 and 154 is \_\_\_\_\_.

2

- Ans ~~X~~ 1. 44  
~~X~~ 2. 66  
 ✓ 3. 22  
~~X~~ 4. 33

Question ID :6789131905

Option 1 ID :6789137618

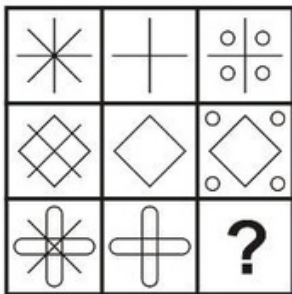
Option 2 ID :6789137619

Option 3 ID :6789137617

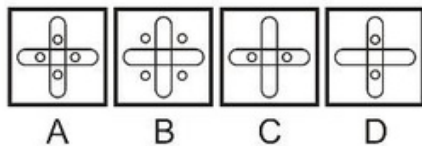
Option 4 ID :6789137620

Status :Answered

Chosen Option :3

Q.4  
3

Choose the correct picture that fits the blank place.



- Ans ~~X~~ 1. A  
 ✓ 2. B  
~~X~~ 3. C  
~~X~~ 4. D

Question ID :6789131948

Option 1 ID :6789137789

Option 2 ID :6789137790

Option 3 ID :6789137791

Option 4 ID :6789137792

Status :Answered

Chosen Option :2

Q.4 What is the chemical name of Chinese salt that we use in preparing Chinese cuisine?

4

- Ans ~~X~~ 1. Calcium hypochlorite  
~~X~~ 2. Calcium carbonate



3. Sodium benzoate  
 4. Monosodium glutamate

Question ID :6789131999  
Option 1 ID :6789137996  
Option 2 ID :6789137993  
Option 3 ID :6789137995  
Option 4 ID :6789137994  
Status :Answered  
Chosen Option :3

Q.4  
5 Ohm is the SI unit of \_\_\_\_\_.

- Ans  1. electric charge  
 2. electric current  
 3. potential difference  
 4. resistance

Question ID :6789131965  
Option 1 ID :6789137859  
Option 2 ID :6789137857  
Option 3 ID :6789137858  
Option 4 ID :6789137860  
Status :Answered  
Chosen Option :4

Q.4  
6 Two pipes feed a water tank at the rate of 2 liters/minute and 3 liters/minute. A third pipe draws out water at a rate of 6 liters/minute. The capacity of the tank is 100 liters and it is full of water. How many minutes would it take to make the tank empty if the three pipes are opened simultaneously?

- Ans  1. 125  
 2. 75  
 3. 100  
 4. 50

Question ID :6789131916  
Option 1 ID :6789137664  
Option 2 ID :6789137662  
Option 3 ID :6789137663  
Option 4 ID :6789137661  
Status :Answered  
Chosen Option :3

Q.4  
7 If East becomes North-East then what will West become?

- Ans  1. South-West  
 2. South-East  
 3. North-West  
 4. North-East

Question ID :6789131954  
Option 1 ID :6789137813

Option 2 ID :6789137814  
Option 3 ID :6789137816  
Option 4 ID :6789137815  
Status :Answered  
Chosen Option :1

Q.4  
8  $\text{Nm}^{-2}$  is the SI unit of:

- Ans  1. Pressure  
 2. Work  
 3. Power  
 4. Force

Question ID :6789131958  
Option 1 ID :6789137830  
Option 2 ID :6789137831  
Option 3 ID :6789137832  
Option 4 ID :6789137829  
Status :Answered  
Chosen Option :1

Q.4  
9 If in a code, TRUCK is written as RPSAI, how will TOOL be written as in that code?

- Ans  1. JMRJ  
 2. RJKM  
 3. RMMJ  
 4. RMJM

Question ID :6789131931  
Option 1 ID :6789137723  
Option 2 ID :6789137722  
Option 3 ID :6789137724  
Option 4 ID :6789137721  
Status :Answered  
Chosen Option :3

Q.5  
0 Find SP when MP =160 and discount =12%?

- Ans  1. 140.80  
 2. 160.80  
 3. 132.80  
 4. 100

Question ID :6789131910  
Option 1 ID :6789137637  
Option 2 ID :6789137639  
Option 3 ID :6789137638  
Option 4 ID :6789137640  
Status :Answered  
Chosen Option :1

Q.5  
1 The resistivity of a conductor depends on:

- Ans  1. Material  
 2. Area of cross section  
 3. All of the given options  
 4. Length

Question ID :6789131966  
Option 1 ID :6789137861  
Option 2 ID :6789137863  
Option 3 ID :6789137864  
Option 4 ID :6789137862  
Status :Answered  
Chosen Option :3

Q.5  
2 Which of the following inert gases is placed in period 5?

- Ans  1. Ne  
 2. Rn  
 3. Xe  
 4. Ar

Question ID :6789131975  
Option 1 ID :6789137897  
Option 2 ID :6789137900  
Option 3 ID :6789137899  
Option 4 ID :6789137898  
Status :Answered  
Chosen Option :3

Q.5  
3 Who among the following won the 53rd Jnanpith Award for the year 2017?

- Ans  1. Amar Kant  
 2. Kedarnath Singh  
 3. Pratibha Ray  
 4. Krishna Sobti

Question ID :6789131985  
Option 1 ID :6789137940  
Option 2 ID :6789137937  
Option 3 ID :6789137938  
Option 4 ID :6789137939  
Status :Answered  
Chosen Option :4

Q.5  
4 The mean of the 5 smallest numbers from a group is 18 while the mean of all the 13 members of the group taken together is 20. What is the mean of the 8 largest numbers?

- Ans  1. 22.50  
 2. 22.75  
 3. 21.75  
 4. 21.25

Question ID :6789131922  
Option 1 ID :6789137687  
Option 2 ID :6789137688  
Option 3 ID :6789137685  
Option 4 ID :6789137686

Status :Answered  
Chosen Option :4

Q.5 In which of the following oceans is the Republic of Seychelles located?

- Ans
- 1. Pacific Ocean
  - 2. Indian Ocean
  - 3. Atlantic Ocean
  - 4. Arctic Ocean

Question ID :6789131996  
Option 1 ID :6789137983  
Option 2 ID :6789137981  
Option 3 ID :6789137982  
Option 4 ID :6789137984

Status :Answered  
Chosen Option :1

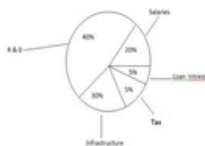
Q.5 In a hostel, there is stock of 6,190.80 kg of wheat for feeding 105 students for 22 days. After 5 days, 14 students joined the hostel. How many days will the balance wheat feed the students, if all students consume the same quantity per day?

- Ans
- 1. 11 days
  - 2. 15 days
  - 3. 13 days
  - 4. 17 days

Question ID :6789131914  
Option 1 ID :6789137656  
Option 2 ID :6789137654  
Option 3 ID :6789137655  
Option 4 ID :6789137653

Status :Answered  
Chosen Option :3

Q.5 The following pie chart shows the expenditure of company XYZ in Q3 2015 on various heads.



If company XYZ has spent a total of ₹100 lakh crores on the various heads then how much did it spend on R & D (in lakh crores)?

- Ans
- 1. 20
  - 2. 10
  - 3. 30
  - 4. 40

Question ID :6789131941

Option 1 ID :6789137762

Option 2 ID :6789137761

Option 3 ID :6789137763

Option 4 ID :6789137764

Status :Answered

Chosen Option :4

Q.5 The following chart shows the results of three athletic academies in the district level selections for three years.

8

Academy	2012	2013	2014
A	2	3	4
B	1	5	2
C	3	7	9

How many selections were done in the year 2014 for academy 'C'?

Ans  1. 19

2. 9

3. 7

4. 3

Question ID :6789131940

Option 1 ID :6789137760

Option 2 ID :6789137759

Option 3 ID :6789137758

Option 4 ID :6789137757

Status :Answered

Chosen Option :2

Q.5 Samu spent  $\frac{1}{4}$  of his money on books and  $\frac{1}{8}$  on food. If he is left with ₹ 40, how much did he spend on food?

9

Ans  1. ₹ 12

2. ₹ 8

3. ₹ 6

4. ₹ 10

Question ID :6789131903

Option 1 ID :6789137612

Option 2 ID :6789137610

Option 3 ID :6789137609

Option 4 ID :6789137611

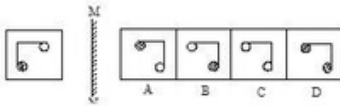
Status :Answered

Chosen Option :2

Q.6

0

Choose the mirror image for the following figure:



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

Question ID :6789131955  
Option 1 ID :6789137820  
Option 2 ID :6789137819  
Option 3 ID :6789137817  
Option 4 ID :6789137818  
Status :Answered  
Chosen Option :4

Q.6 In August 2018, Hindalco's wholly owned subsidiary Novelis Inc. announced the acquisition of a global aluminum rolled products company that is headquartered in the US. Name the acquired company.

- 1
- Ans
- 1. Century Aluminum
  - 2. Alcoa Corporation
  - 3. U.S. Foil Company
  - 4. Aleris Corporation

Question ID :6789131998  
Option 1 ID :6789137991  
Option 2 ID :6789137989  
Option 3 ID :6789137992  
Option 4 ID :6789137990  
Status :Answered  
Chosen Option :1

Q.6 The sum of the interior angles of a regular heptagon (seven-sided polygon) is:

- 2
- Ans
- 1.  $1080^\circ$
  - 2.  $720^\circ$
  - 3.  $540^\circ$
  - 4.  $900^\circ$

Question ID :6789131925  
Option 1 ID :6789137697  
Option 2 ID :6789137699  
Option 3 ID :6789137700  
Option 4 ID :6789137698  
Status :Answered  
Chosen Option :2

Q.6  
3 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

**Question:**

How many sons does X have?

**Statements:**

1. Y and Z are brothers of W
2. The mother of Z is wife of W's father

- Ans
- 1. 1 alone is sufficient while 2 alone is not sufficient
  - 2. Neither 1 nor 2 alone is sufficient
  - 3. Both 1 and 2 together are sufficient
  - 4. 2 alone is sufficient while 1 alone is not sufficient

Question ID :6789131942

Option 1 ID :6789137765

Option 2 ID :6789137767

Option 3 ID :6789137768

Option 4 ID :6789137766

Status :Answered

Chosen Option :2

Q.6  
4 Which of the following reaction is a precipitation reaction?

- Ans
- 1. Calcium carbonate  $\rightarrow$  Calcium oxide + Carbon dioxide
  - 2. Sodium sulphate + Barium chloride  $\rightarrow$  Barium sulphate + Sodium chloride
  - 3. Lead + Copper chloride  $\rightarrow$  Lead chloride + Copper
  - 4. Methane + Oxygen  $\rightarrow$  Carbon dioxide + Water

Question ID :6789131971

Option 1 ID :6789137883

Option 2 ID :6789137882

Option 3 ID :6789137881

Option 4 ID :6789137884

Status :Not Answered

Chosen Option :-

Q.6  
5 How many hydrogen atoms are present in one molecule of ethanol?

- Ans
- 1. Six
  - 2. Four
  - 3. Seven
  - 4. Five

Question ID :6789131972

Option 1 ID :6789137887

Option 2 ID :6789137885

Option 3 ID :6789137888

Option 4 ID :6789137886

Status :Answered

Chosen Option :1

Q.6 Name the service launched by the Central Government which will be available across the Common Service Centre (CSC) network and connect citizens to legal service providers with the help of technology-enabled platforms.

- Ans
- 1. 'Madadgar'
  - 2. 'Tele-Law'
  - 3. 'Retro-Fitment'
  - 4. 'Digi Yatra'

Question ID :6789131991

Option 1 ID :6789137963

Option 2 ID :6789137961

Option 3 ID :6789137962

Option 4 ID :6789137964

Status :Answered

Chosen Option :2

Q.6 What are the roots of the equation  $2x^2 + 4x = 30$ ?

- Ans
- 1. 2, -15
  - 2. 6, 5
  - 3. -5, 3
  - 4. 10, 3

Question ID :6789131921

Option 1 ID :6789137682

Option 2 ID :6789137684

Option 3 ID :6789137683

Option 4 ID :6789137681

Status :Answered

Chosen Option :3

Q.6 Select the option that is related to the third word on the same basis as the second word is related to the first word.

Wait : Linger :: Bite :

- Ans
- 1. Gnaw
  - 2. Murmur
  - 3. Hiss
  - 4. Eat

Question ID :6789131930

Option 1 ID :6789137718

Option 2 ID :6789137719

Option 3 ID :6789137717

Option 4 ID :6789137720

Status :Answered

Chosen Option :1

Q.6 Dalton's theory was based on the laws of:

- Ans
- 1. Conservation of momentum
  - 2. Conservation of mass



3. Chemical combination

4. Constant proportion

Question ID :6789131968

Option 1 ID :6789137872

Option 2 ID :6789137870

Option 3 ID :6789137871

Option 4 ID :6789137869

Status :Answered

Chosen Option :1

Q.7  
0 Who among the following is the Minister of External Affairs?

Ans  1. Sushma Swaraj

2. SM Krishna

3. Salman Khurshid

4. Manmohan Singh

Question ID :6789131990

Option 1 ID :6789137959

Option 2 ID :6789137958

Option 3 ID :6789137957

Option 4 ID :6789137960

Status :Answered

Chosen Option :1

Q.7  
1 Who among the following was called the 'Iron Chancellor'?

Ans  1. Napoleon Bonaparte

2. Genghis Khan

3. Otto von Bismarck

4. Adolf Hitler

Question ID :6789131994

Option 1 ID :6789137973

Option 2 ID :6789137976

Option 3 ID :6789137974

Option 4 ID :6789137975

Status :Answered

Chosen Option :1

Q.7  
2 Unsaturated hydrocarbons add hydrogen in the presence of catalysts such as:

Ans  1. Nickel and Cadmium

2. Nickel and Hydrogen

3. Nickel and Palladium

4. Palladium and Radium

Question ID :6789131973

Option 1 ID :6789137889

Option 2 ID :6789137891

Option 3 ID :6789137890  
Option 4 ID :6789137892  
Status :Answered  
Chosen Option :2

Q.7  
3 Arjun was born on 1<sup>st</sup> January 2007, Monday. What day of the week lies on 1<sup>st</sup> January, 2008?

- Ans
- 1. Sunday
  - 2. Tuesday
  - 3. Friday
  - 4. Wednesday

Question ID :6789131920  
Option 1 ID :6789137677  
Option 2 ID :6789137680  
Option 3 ID :6789137678  
Option 4 ID :6789137679  
Status :Answered  
Chosen Option :2

Q.7 Which of the following statements is/are true?

4

- A. CO<sub>2</sub> is known as dry ice.
- B. The particles of liquid absorb energy from the surrounding to regain the energy lost during evaporation.
- C. Solid CO<sub>2</sub> gets converted directly to gaseous state.

- Ans1. All are false
2. A and C are false, B is true
3. 4. A and C are true, B is false

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID :6789131969  
Option 1 ID :6789137876  
Option 2 ID :6789137874  
Option 3 ID :6789137873  
Option 4 ID :6789137875  
Status :Answered  
Chosen Option :1

Q.7  
5 A car accelerates uniformly from 18 kmh<sup>-1</sup> to 36 kmh<sup>-1</sup> in 5 s. Calculate the acceleration of the car.

- Ans
- 1. 1 ms<sup>-2</sup>
  - 2. 4 ms<sup>-2</sup>
  - 3. 4 ms<sup>2</sup>
  - 4. 1 ms<sup>2</sup>

Question ID :6789131959  
Option 1 ID :6789137835  
Option 2 ID :6789137833

Option 3 ID :6789137834  
Option 4 ID :6789137836  
Status :Answered  
Chosen Option :4

Q.7  
6 A porter lifts a luggage of 12 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage. ( $g = 10\text{ms}^{-2}$ )

- Ans
- 1. 140 J
  - 2. 180 J
  - 3. 150 J
  - 4. 155 J

Question ID :6789131961  
Option 1 ID :6789137843  
Option 2 ID :6789137844  
Option 3 ID :6789137842  
Option 4 ID :6789137841  
Status :Answered  
Chosen Option :2

Q.7  
7 Padma is the sister of Suresh's mother. How is Padma related to Suresh?

- Ans
- 1. Grandmother
  - 2. Mother
  - 3. Sister
  - 4. Aunt

Question ID :6789131926  
Option 1 ID :6789137703  
Option 2 ID :6789137702  
Option 3 ID :6789137704  
Option 4 ID :6789137701  
Status :Answered  
Chosen Option :4

Q.7  
8 A sum of money when invested for 5 years gives ₹ 5,250 as the amount. If the simple rate of interest was 2% per annum more than what it was, the amount would have been ₹ 5,600. The original sum invested was:

- Ans
- 1. ₹ 4,000
  - 2. ₹ 3,250
  - 3. ₹ 3,750
  - 4. ₹ 3,500

Question ID :6789131911  
Option 1 ID :6789137644  
Option 2 ID :6789137642  
Option 3 ID :6789137641  
Option 4 ID :6789137643  
Status :Not Answered  
Chosen Option :-

Q.7  
9

The average marks obtained by Suvir in 15 tests is 29. Ruchira is maintaining an average of 27 so far but has taken only 11 of the tests so far. How much does Ruchira have to score on an average in the remaining four tests to match Suvir's performance?

- Ans
- 1. 36
  - 2. 35.5
  - 3. 34.5
  - 4. 35

Question ID :6789131924

Option 1 ID :6789137693

Option 2 ID :6789137694

Option 3 ID :6789137696

Option 4 ID :6789137695

Status :Answered

Chosen Option :3

Q.8 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.  
0

**Statement:**

There is more wastage of water due to water purifiers.

**Arguments:**

- I. Yes, houses should adopt ways to reuse the excess water produced from the filters so that it can be given back to the land.
- II. No, it enters the sewage system and automatically goes back.

- Ans
- 1. Only argument I is strong.
  - 2. Only argument II is strong.
  - 3. Neither I nor II is strong.
  - 4. Both I and II are strong.

Question ID :6789131935

Option 1 ID :6789137740

Option 2 ID :6789137738

Option 3 ID :6789137739

Option 4 ID :6789137737

Status :Answered

Chosen Option :1

Q.8  
1  $138 \div [35 - \{53 - (89 - 72 \div 9 \times 6)\}] = ?$

- Ans
- 1. 2
  - 2. 6
  - 3. 23
  - 4. 3

Question ID :6789131907

Option 1 ID :6789137627

Option 2 ID :6789137628

Option 3 ID :6789137625

Option 4 ID :6789137626

Q.8  
2 A body travelling with a speed of more than the velocity of sound in air is said to be \_\_\_\_\_.

- Ans
- 1. Ultrasonic
  - 2. Infrasonic
  - 3. Supersonic
  - 4. Hypersonic

Question ID : 6789131964  
Option 1 ID : 6789137855  
Option 2 ID : 6789137856  
Option 3 ID : 6789137853  
Option 4 ID : 6789137854  
Status : **Answered**  
Chosen Option : 3

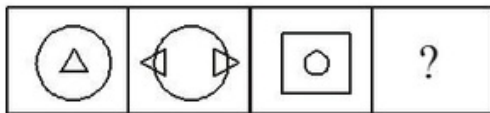
Q.8  
3 Kaushik bought a toy for ₹ 180 and sold it for ₹ 202.50. The rate of profit was \_\_\_ %.

- Ans
- 1. 15.25
  - 2. 12.5
  - 3. 16
  - 4. 17.5

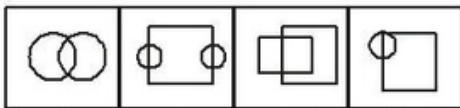
Question ID : 6789131909  
Option 1 ID : 6789137635  
Option 2 ID : 6789137636  
Option 3 ID : 6789137634  
Option 4 ID : 6789137633  
Status : **Answered**  
Chosen Option : 2

Q.8  
4 Pick the figure that will complete the given series.

**Problem Figures:**



**Answer Figures:**



- Ans  1. A

✓ 2. B

✗ 3. D

✗ 4. C

Question ID :6789131944

Option 1 ID :6789137773

Option 2 ID :6789137774

Option 3 ID :6789137776

Option 4 ID :6789137775

Status :Answered

Chosen Option :2

Q.8 Areolar tissue fills the spaces \_\_\_\_\_ the organ, supports the \_\_\_\_\_ organs and repairs tissues.

5

Ans ✗ 1. outside; internal

✗ 2. outside; external

✓ 3. inside; internal

✗ 4. inside; external

Question ID :6789131976

Option 1 ID :6789137901

Option 2 ID :6789137904

Option 3 ID :6789137903

Option 4 ID :6789137902

Status :Not Answered

Chosen Option :-

Q.8 Objects move with a constant speed when no \_\_\_\_\_ is acting on it.

6

Ans ✗ 1. pressure

✗ 2. inertia

✓ 3. force

✗ 4. momentum

Question ID :6789131957

Option 1 ID :6789137825

Option 2 ID :6789137826

Option 3 ID :6789137827

Option 4 ID :6789137828

Status :Answered

Chosen Option :3

Q.8 Find the next letter set in the given series.

7

CV, ET, HQ, ?

Ans ✓ 1. LM

✗ 2. LG

✗ 3. MX

✗ 4. LK

Question ID :6789131936

Option 1 ID :6789137743

Option 2 ID :6789137741

Option 3 ID :6789137744

Option 4 ID :6789137742

Status :Answered

Chosen Option :1

Q.8 Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statements:

- I. All pigs are white.  
II. Some white are peacock.

Conclusions:

1. Some peacock are pigs.  
2. Some white are pigs.

- Ans  1. Both 1 and 2 follows.  
 2. Neither 1 nor 2 follows.  
 3. Conclusion 2 alone follows.  
 4. Conclusion 1 alone follows.

Question ID :6789131929

Option 1 ID :6789137714

Option 2 ID :6789137716

Option 3 ID :6789137715

Option 4 ID :6789137713

Status :Answered

Chosen Option :3

Q.8 Find the next figure for the given series:

Problem figures

$\frac{F}{E}$	$\frac{M}{W}$	$\frac{N}{V}$	?
---------------	---------------	---------------	---

Answer figures:

AB	LM	KI	$\frac{L}{F}$
A	B	C	D

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

Question ID :6789131945

Option 1 ID :6789137777

Option 2 ID :6789137778

Option 3 ID :6789137779

Option 4 ID :6789137780

Status :Answered

Chosen Option :4

Q.9  
0 Which alpha-numeric set will follow in the given series?

12E, 15B, 18Y, 21V, ?

- Ans
- 1. 20V
  - 2. 25G
  - 3. 24S
  - 4. 28T

Question ID :6789131937

Option 1 ID :6789137745

Option 2 ID :6789137747

Option 3 ID :6789137746

Option 4 ID :6789137748

Status :Answered

Chosen Option :3

Q.9  
1 x and y, given correct to 1 decimal place, are given as 6.2 and 1.3 respectively. What is the upper bound of the value of

$\frac{x}{y}$

- Ans
- 1. 5
  - 2. 4.77
  - 3. 5.05
  - 4. 4.96

Question ID :6789131908

Option 1 ID :6789137629

Option 2 ID :6789137631

Option 3 ID :6789137632

Option 4 ID :6789137630

Status :Answered

Chosen Option :2

Q.9  
2 What is the process by which a gas is converted into a solid?

- Ans1.
- 1. Condensation
  - 2. Sublimation
  - 3. Vaporisation
  - 4. Freezing

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID :6789131967

Option 1 ID :6789137866

Option 2 ID :6789137865



Option 3 ID :6789137867  
Option 4 ID :6789137868  
Status :Answered  
Chosen Option :2

Q.9  
3 'Nuakhai', a social festival belongs to which state of India?

- Ans
- 1. Tamilnadu
  - 2. Assam
  - 3. Odisha
  - 4. Karnataka

Question ID :6789131986  
Option 1 ID :6789137941  
Option 2 ID :6789137943  
Option 3 ID :6789137942  
Option 4 ID :6789137944  
Status :Answered  
Chosen Option :3

Q.9  
4 The Saraswati Samman Award 2016 was bestowed upon:

- Ans
- 1. A.A. Manavalan
  - 2. Padma Sachdev
  - 3. Mahabaleshwar Sail
  - 4. Sugathakumari

Question ID :6789131984  
Option 1 ID :6789137933  
Option 2 ID :6789137935  
Option 3 ID :6789137936  
Option 4 ID :6789137934  
Status :Not Answered  
Chosen Option :-

Q.9  
5 An object of mass 12 kg is at a certain height above the ground. If the potential energy of the object is 600J, find the height at which the object is with respect to the ground. Given  $g=10\text{ms}^{-2}$

- Ans
- 1. 5m
  - 2.  $5\text{ms}^{-2}$
  - 3.  $5\text{ms}^2$
  - 4. -5m

Question ID :6789131962  
Option 1 ID :6789137845  
Option 2 ID :6789137848  
Option 3 ID :6789137847  
Option 4 ID :6789137846  
Status :Answered  
Chosen Option :1

Q.9  
6 The Indian Space Research Organisation (ISRO) created the world's third-largest hypersonic wind tunnel in:

- Ans
- 1. Jaisalmer
  - 2. Gokarna
  - 3. Thiruvananthapuram
  - 4. Ahmedabad

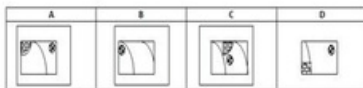
Question ID :6789132000  
Option 1 ID :6789137998  
Option 2 ID :6789137999  
Option 3 ID :6789137997  
Option 4 ID :6789138000  
Status :Answered  
Chosen Option :1

Q.9  
7 Which of the answer figures is formed from the shapes given the problem figure?

Problem figure:



Answer figures:



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

Question ID :6789131953  
Option 1 ID :6789137812  
Option 2 ID :6789137811  
Option 3 ID :6789137810  
Option 4 ID :6789137809  
Status :Answered  
Chosen Option :4

Q.9  
8 Which of the following is a reducible fraction?

- Ans
- 1.  $\frac{77}{72}$
  - 2.  $\frac{105}{112}$
  - 3.  $\frac{104}{121}$
  - 4.  $\frac{5}{49}$

Question ID :6789131904  
Option 1 ID :6789137615  
Option 2 ID :6789137613  
Option 3 ID :6789137614  
Option 4 ID :6789137616  
Status :Answered  
Chosen Option :2

Q.9 If you invest ₹ 100 at 40% annual interest compounded quarterly, how much will you receive after one year?

9

- Ans
- 1. ₹ 145.61
  - 2. ₹ 146.41
  - 3. ₹ 149.01
  - 4. ₹ 148.11

Question ID :6789131912  
Option 1 ID :6789137645  
Option 2 ID :6789137646  
Option 3 ID :6789137648  
Option 4 ID :6789137647  
Status :Answered  
Chosen Option :2

Q.1 Who took Oath on 23<sup>rd</sup> January, 2018 as the Governor of Madhya Pradesh?

00

- Ans
- 1. Om Prakash Kohli
  - 2. Kumud Ben Joshi
  - 3. Ram Naresh Yadav
  - 4. Anandiben Patel

Question ID :6789131992  
Option 1 ID :6789137965  
Option 2 ID :6789137968  
Option 3 ID :6789137967  
Option 4 ID :6789137966  
Status :Answered  
Chosen Option :1