



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



Roll Number	
Candidate Name	
Test Center Name	TCS Gito Bitan
Test Date	05/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

\* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 The value of  $22 \times (63 \div 7) \div 6 - \{7 \times 5 + 4 - (3 - 5) \div 2\}$  is:

- Ans
- 1. 11
  - 2. 7
  - 3. -9
  - 4. -7

Question ID : 7518978344

Option 1 ID : 75189733376

Option 2 ID : 75189733375

Option 3 ID : 75189733374

Option 4 ID : 75189733373

Status : Answered

Chosen Option : 4

Q.2 All 35 students of a class are standing in a straight row facing north. Ram is 17<sup>th</sup> from the right end, while Rakesh is 17<sup>th</sup> from the left end. Somu is exactly between Ram and Rakesh. What is the position of Somu from left end?

- Ans
- 1. 12<sup>th</sup>
  - 2. 3<sup>rd</sup>
  - 3. 18<sup>th</sup>
  - 4. 20<sup>th</sup>

Question ID : 7518978180

Option 1 ID : 75189732717

Option 2 ID : 75189732718

Option 3 ID : 75189732719

Option 4 ID : 75189732720

Status : Not Answered

Chosen Option : --

**Q.3** The length, the breadth and the height of a closed cuboidal box are 2.5 m, 2 m and 90 cm, respectively. What would be the cost of a canvas needed to cover this box completely, if the cost of the canvas is ₹80 per  $m^2$  ?

- Ans**
- 1. ₹1,502
  - 2. ₹1,600
  - 3. ₹1,448
  - 4. ₹1,750

Question ID : 7518976371  
Option 1 ID : 75189725482  
Option 2 ID : 75189725483  
Option 3 ID : 75189725481  
Option 4 ID : 75189725484  
Status : Not Answered  
Chosen Option : --

**Q.4** Amongst six friends A, L, V, P, Q and M, each has a different height. P is taller than only four other friends. V is taller than only one friend. Q is taller than M but shorter than A. A is not the tallest. Who is the shortest among all the friends?

- Ans**
- 1. L
  - 2. P
  - 3. Q
  - 4. M

Question ID : 7518978234  
Option 1 ID : 75189732934  
Option 2 ID : 75189732936  
Option 3 ID : 75189732933  
Option 4 ID : 75189732935  
Status : Answered  
Chosen Option : 4

**Q.5** Which god is worshipped during the Hindu festival, Chhath Puja?

- Ans**
- 1. Lord Indra
  - 2. Lord Krishna
  - 3. Lord Ganesh
  - 4. Lord Surya

Question ID : 7518977186  
Option 1 ID : 75189728742  
Option 2 ID : 75189728743  
Option 3 ID : 75189728744  
Option 4 ID : 75189728741  
Status : Answered  
Chosen Option : 2

Q.6 Which of the following salts is used in black and white photography?

- Ans
- 1. KBr
  - 2. NaBr
  - 3.  $AgNO_3$
  - 4. AgBr

Question ID : 7518978123  
Option 1 ID : 75189732489  
Option 2 ID : 75189732492  
Option 3 ID : 75189732491  
Option 4 ID : 75189732490  
Status : Answered  
Chosen Option : 3

Q.7 The position of how many letters will remain unchanged if each of the letters in the word ABDUCENT is arranged in alphabetical order?

- Ans
- 1. 2
  - 2. 3
  - 3. 5
  - 4. 6

Question ID : 7518977964  
Option 1 ID : 75189731853  
Option 2 ID : 75189731854  
Option 3 ID : 75189731855  
Option 4 ID : 75189731856  
Status : Answered  
Chosen Option : 4

Q.8 When Rishabh started walking at dusk he was facing the sun. After some time he met his friend Sunil. After talking to him, Rishabh turned towards the right. After walking for some time he took a left turn from the next crossroad and finally turned towards his left. In which direction is Rishabh walking now? (All turns are 90 degree turns only)

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

Question ID : 7518978020  
Option 1 ID : 75189732080  
Option 2 ID : 75189732079  
Option 3 ID : 75189732078  
Option 4 ID : 75189732077  
Status : Answered  
Chosen Option : 2

**Q.9** A, B and C together can complete a certain work in 40 days. B and C together can complete the same work in 60 days. B is 25% more efficient than A. A, B and C work together for 30 days. B alone will complete the remaining work in:

- Ans**
- 1. 30 days
  - 2. 20 days
  - 3. 32 days
  - 4. 24 days

Question ID : 7518978401  
Option 1 ID : 75189733603  
Option 2 ID : 75189733601  
Option 3 ID : 75189733604  
Option 4 ID : 75189733602  
Status : Answered  
Chosen Option : 1

**Q.10** Amongst six friends P, Q, R, S, T and U, each has a different height. P is taller than only one friend. S is taller than only three friends. R is taller than P but shorter than Q. U is taller than Q. Who is the shortest among all the friends?

- Ans**
- 1. Q
  - 2. U
  - 3. T
  - 4. R

Question ID : 7518979120  
Option 1 ID : 75189736480  
Option 2 ID : 75189736479  
Option 3 ID : 75189736478  
Option 4 ID : 75189736477  
Status : Answered  
Chosen Option : 3

**Q.11** Who among the following coined the term 'geography'?

- Ans**
- 1. Carl Ritter
  - 2. Eratosthenes
  - 3. Al Idrisi
  - 4. Ptolemy

Question ID : 7518977246  
Option 1 ID : 75189728982  
Option 2 ID : 75189728981  
Option 3 ID : 75189728984  
Option 4 ID : 75189728983  
Status : Answered  
Chosen Option : 1

**Q.12** In a certain code language, 'ADOPT' is written as 'CGSUZ' and 'AGAIN' is written as 'CJENT'. How will 'BOOST' be written in that language?

- Ans**
- 1. DRXZS
  - 2. DRSZX
  - 3. DRSXZ
  - 4. DRSXX

Question ID : 7518978278  
Option 1 ID : 75189733112  
Option 2 ID : 75189733109  
Option 3 ID : 75189733111  
Option 4 ID : 75189733110  
Status : Answered  
Chosen Option : 3

**Q.13** A and B can do a work alone in 30 days and 40 days, respectively. In how many days will the work be completed if they work on alternate days, starting with B on the first day?

- Ans**
- 1.  $17\frac{1}{3}$  days
  - 2.  $34\frac{2}{3}$  days
  - 3.  $17\frac{1}{7}$  days
  - 4.  $34\frac{1}{3}$  days

Question ID : 7518978707  
Option 1 ID : 75189734825  
Option 2 ID : 75189734828  
Option 3 ID : 75189734826  
Option 4 ID : 75189734827  
Status : Answered  
Chosen Option : 4

**Q.14** If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 2965413, what will be the average of the largest and smallest digits thus formed?

- Ans**
- 1. 8
  - 2. 2
  - 3. 6
  - 4. 4

Question ID : 7518977412  
Option 1 ID : 75189729645  
Option 2 ID : 75189729648  
Option 3 ID : 75189729646  
Option 4 ID : 75189729647  
Status : Answered  
Chosen Option : 4

Q.15 Which of the following teams won the Indian Super League title in March 2022?

- Ans
- 1. Football Club Goa
  - 2. Hyderabad FC Football Club
  - 3. ATK Mohun Bagan Football Club
  - 4. Kerala Blasters Football Club

Question ID : 7518977434  
Option 1 ID : 75189729735  
Option 2 ID : 75189729733  
Option 3 ID : 75189729736  
Option 4 ID : 75189729734  
Status : Marked For Review  
Chosen Option : 2

Q.16 An object is placed in front of a concave mirror of focal length 20 cm, at a distance of 30 cm. Its image is formed at a distance of \_\_\_\_\_ and is \_\_\_\_\_.

- Ans
- 1. 60 cm, real
  - 2. 12 cm, real
  - 3. 12 cm, virtual
  - 4. 60 cm, virtual

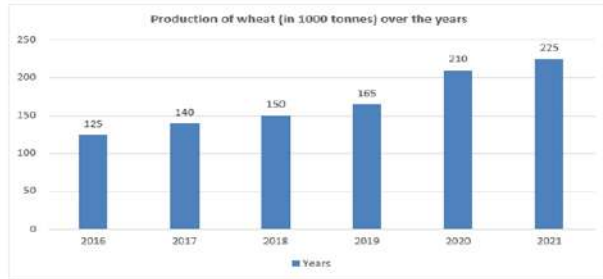
Question ID : 7518976606  
Option 1 ID : 75189726423  
Option 2 ID : 75189726421  
Option 3 ID : 75189726422  
Option 4 ID : 75189726424  
Status : Answered  
Chosen Option : 1

Q.17 What is Virgin Vegetation?

- Ans
- 1. Vegetation that is grown by humans
  - 2. Plant community that has been grown by human aid
  - 3. Vegetation that is grown as a part of afforestation programme
  - 4. Plant community that has grown naturally without human aid and has been left undisturbed by humans for a long time

Question ID : 7518978917  
Option 1 ID : 75189735668  
Option 2 ID : 75189735667  
Option 3 ID : 75189735665  
Option 4 ID : 75189735666  
Status : Not Answered  
Chosen Option : --

Q.18 The following bar chart shows the data of production of wheat in the duration of six years. Study the bar chart and answer the question based on it.



In which year there was maximum percentage increase in production as compared to the previous year?

- Ans
- 1. 2019
  - 2. 2021
  - 3. 2018
  - 4. 2020

Question ID : 7518979060  
Option 1 ID : 75189736238  
Option 2 ID : 75189736240  
Option 3 ID : 75189736237  
Option 4 ID : 75189736239

Status : Answered

Chosen Option : 4

Q.19 What are the reasons for decline in the number and species of wildlife?

- a. Demand for hides and meat
- b. Deforestation resulting in lack of food and space
- c. Keeping the animals in protected areas
- d. Making and supporting laws for conserving the habitats
- e. Natural calamities like floods and earthquakes

- Ans
- 1. Only c
  - 2. Only d
  - 3. a, b and e
  - 4. Only c and d

Question ID : 7518974690  
Option 1 ID : 75189718757  
Option 2 ID : 75189718758  
Option 3 ID : 75189718759  
Option 4 ID : 75189718760

Status : Answered

Chosen Option : 3

**Q.20** A, B, C, D and E live on five different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it number 2, and so on till the topmost floor is numbered 5.  
B lives on an even numbered floor but not on floor number 4. Only two people live between A and E. D lives immediately below A. Who lives on floor number 5?

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

Question ID : 7518978185

Option 1 ID : 75189732737

Option 2 ID : 75189732739

Option 3 ID : 75189732740

Option 4 ID : 75189732738

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.21** All the veins in the human circulatory system carry blood towards the heart. What is the difference between a pulmonary vein and other veins?

- Ans**
- 1. Pulmonary vein carries oxygenated blood
  - 2. Pulmonary vein has a small lumen
  - 3. Pulmonary vein has no valves
  - 4. Blood flows with pressure in the pulmonary vein

Question ID : 7518974595

Option 1 ID : 75189718377

Option 2 ID : 75189718379

Option 3 ID : 75189718380

Option 4 ID : 75189718378

Status : **Answered**

Chosen Option : 1

**Q.22** What will be the value of elasticity of demand ( $e_D$ ) if the demand curve has a shape of rectangular hyperbola?

- Ans**
- 1.  $|e_D| = \text{Above } 0 \text{ but less than } 1$
  - 2.  $|e_D| = 1$
  - 3.  $|e_D| = 0$
  - 4.  $|e_D| = \text{Always remains above } 1$

Question ID : 7518977216

Option 1 ID : 75189728863

Option 2 ID : 75189728861

Option 3 ID : 75189728862

Option 4 ID : 75189728864

Status : **Not Answered**

Chosen Option : --



**Q.23** If P, F and C represent the pole, principal focus and centre of curvature, respectively, of a concave mirror, then PC is equal to:

- Ans
- 1.  $(\frac{1}{4})$  PF
  - 2.  $(\frac{1}{2})$  PF
  - 3. 2PF
  - 4. 4PF

Question ID : 7518976577  
 Option 1 ID : 75189726305  
 Option 2 ID : 75189726306  
 Option 3 ID : 75189726307  
 Option 4 ID : 75189726308  
 Status : Answered  
 Chosen Option : 3

**Q.24** The smallest four-digit number that is exactly divisible by each of 24, 40 and 56 is:

- Ans
- 1. 1080
  - 2. 1680
  - 3. 1260
  - 4. 1170

Question ID : 7518976253  
 Option 1 ID : 75189725009  
 Option 2 ID : 75189725012  
 Option 3 ID : 75189725011  
 Option 4 ID : 75189725010  
 Status : Answered  
 Chosen Option : 2

**Q.25** Two resistors, A of  $10\ \Omega$  and B of  $20\ \Omega$ , are connected in series with a battery of 6 V. If  $V_1$  and  $V_2$  are the potential drops across A and B and  $I_1$  and  $I_2$  are the currents through them, respectively, then  $(V_1/V_2)$  and  $(I_1/I_2)$  are respectively \_\_\_\_\_.

- Ans
- 1.  $(\frac{1}{2})$  and  $(\frac{1}{2})$
  - 2. 2 and  $(\frac{1}{2})$
  - 3.  $(\frac{1}{2})$  and 1
  - 4. 2 and 1

Question ID : 7518976692  
 Option 1 ID : 75189726765  
 Option 2 ID : 75189726768  
 Option 3 ID : 75189726767  
 Option 4 ID : 75189726766  
 Status : Answered  
 Chosen Option : 1

Q.26 The method of balancing a chemical equation is called:

- Ans
- 1. hit and trial method
  - 2. molar method
  - 3. equivalent method
  - 4. chemical method

Question ID : 7518973564

Option 1 ID : 75189714255

Option 2 ID : 75189714253

Option 3 ID : 75189714254

Option 4 ID : 75189714256

Status : Answered

Chosen Option : 3

Q.27 If

@ means 'multiplication',

% means 'subtraction',

\$ means 'addition', and,

& means 'division',

then  $28 \& 7 @ 8 \% 6 \$ 4 = ?$

- Ans
- 1. 32
  - 2. 30
  - 3. 31
  - 4. 33

Question ID : 7518978076

Option 1 ID : 75189732303

Option 2 ID : 75189732302

Option 3 ID : 75189732301

Option 4 ID : 75189732304

Status : Answered

Chosen Option : 2

**Q.28** Starting from his house, Bheema walks 5 m towards the west, then turns left and walks 50 m, and then turns right and walks 30 m to reach his school. In which direction is the school from his house? (All turns are 90 degree turns only)

- Ans**
- 1. North-east
  - 2. South-east
  - 3. South-west
  - 4. North

Question ID : 7518975036  
Option 1 ID : 75189720143  
Option 2 ID : 75189720141  
Option 3 ID : 75189720142  
Option 4 ID : 75189720144  
Status : Answered  
Chosen Option : 3

**Q.29** Article 343(1) of the Constitution of India declares Hindi in \_\_\_\_\_ script as the official language of India.

- Ans**
- 1. Kharosthi
  - 2. Indus
  - 3. Brahmi
  - 4. Devanagari

Question ID : 7518978527  
Option 1 ID : 75189734108  
Option 2 ID : 75189734105  
Option 3 ID : 75189734106  
Option 4 ID : 75189734107  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

**Q.30** A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. D sits third to the left of E. D sits at one of the corners. H does not sit at any of the corners. G sits second to the right of H. H is not an immediate neighbour of D. Only three people sit between B and A. B is an immediate neighbour of F. B does not sit at any of the middle of the sides. Who sits third to the left of G?

- Ans**
- 1. C
  - 2. H
  - 3. B
  - 4. D

Question ID : 7518978171  
Option 1 ID : 75189732681  
Option 2 ID : 75189732683  
Option 3 ID : 75189732682  
Option 4 ID : 75189732684  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

Q.31 If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 6472311, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

- Ans
- 1. 8
  - 2. 6
  - 3. 7
  - 4. 9

Question ID : 7518978331

Option 1 ID : 75189733323

Option 2 ID : 75189733321

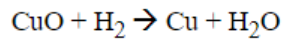
Option 3 ID : 75189733322

Option 4 ID : 75189733324

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.32 In the following chemical reaction, which chemical species is getting oxidised?



- Ans
- 1. CuO
  - 2. H<sub>2</sub>O
  - 3. Cu
  - 4. H<sub>2</sub>

Question ID : 7518973454

Option 1 ID : 75189713813

Option 2 ID : 75189713815

Option 3 ID : 75189713816

Option 4 ID : 75189713814

Status : Answered

Chosen Option : 3

Q.33 Which of the following types of government is the closest to the common people?

- Ans
- 1. Central Government
  - 2. Police Administration
  - 3. Local Government
  - 4. State Government

Question ID : 7518978942

Option 1 ID : 75189735765

Option 2 ID : 75189735767

Option 3 ID : 75189735766

Option 4 ID : 75189735768

Status : Answered

Chosen Option : 4

Q.34 Which of the following numbers will replace the question mark (?) in the given series?

19, 26, 40, 61, 89, ?

- Ans
- 1. 124
  - 2. 125
  - 3. 126
  - 4. 130

Question ID : 7518978295  
Option 1 ID : 75189733178  
Option 2 ID : 75189733177  
Option 3 ID : 75189733180  
Option 4 ID : 75189733179  
Status : Answered  
Chosen Option : 1

Q.35 If  $(-7)^{2k+1} (-7)^5 = (-7)^{12}$ , then k is:

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

Question ID : 7518978619  
Option 1 ID : 75189734473  
Option 2 ID : 75189734475  
Option 3 ID : 75189734476  
Option 4 ID : 75189734474  
Status : Answered  
Chosen Option : 3

Q.36 The speed of a stream is 4 km/h. A boat can go 40 km downstream and 12 km upstream in 4 hours. What is the speed (in km/h) of the boat in still water?

- Ans
- 1. 16
  - 2. 12
  - 3. 10
  - 4. 14

Question ID : 7518978458  
Option 1 ID : 75189733832  
Option 2 ID : 75189733830  
Option 3 ID : 75189733829  
Option 4 ID : 75189733831  
Status : Marked For Review  
Chosen Option : 3

Q.37

The value of  $\frac{1\frac{2}{3} + 2\frac{1}{2} \times \frac{2}{3}}{5 - 4\frac{1}{2} \div \frac{3}{2}}$  is:

Ans

1.  $3\frac{1}{3}$

2.  $1\frac{2}{3}$

3.  $2\frac{1}{3}$

4.  $4\frac{2}{3}$

Question ID : 7518976220

Option 1 ID : 75189724879

Option 2 ID : 75189724877

Option 3 ID : 75189724878

Option 4 ID : 75189724880

Status : Answered

Chosen Option : 2

Q.38 What is the name of the helpline launched in May 2021, to provide psycho-social support for children affected during the COVID-19 Pandemic launched by NCPDR?

Ans

1. Sukti

2. Aarambh

3. Sanyukti

4. Samvedna

Question ID : 7518973978

Option 1 ID : 75189715912

Option 2 ID : 75189715911

Option 3 ID : 75189715910

Option 4 ID : 75189715909

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.39 Four friends Ahmed, Suman, Raj and Madhu, started their own garment shops.

Ahmed provides successive discounts of 6% and 5%.

Suman offers successive discounts of 2% and 5%

Raj offers successive discounts 7% and 2% and Madhu offers successive discounts 5% and 4%.

Who is giving highest total discount to the customers?

- Ans
- 1. Madhu
  - 2. Suman
  - 3. Ahmed
  - 4. Raj

Question ID : 7518975645  
Option 1 ID : 75189722580  
Option 2 ID : 75189722579  
Option 3 ID : 75189722577  
Option 4 ID : 75189722578  
Status : Answered  
Chosen Option : 3

Q.40 Which of following statements is correct regarding the upper house of the Parliament of India?

- Ans
- 1. It is never dissolved
  - 2. It is dissolved after every 6 years
  - 3. It is dissolved after every 5 years
  - 4. It is dissolved after every 3 years

Question ID : 7518974302  
Option 1 ID : 75189717208  
Option 2 ID : 75189717207  
Option 3 ID : 75189717206  
Option 4 ID : 75189717205  
Status : Answered  
Chosen Option : 2

Q.41 Which cells in the xylem are responsible for storing food?

- Ans
- 1. Xylem fibres
  - 2. Parenchyma
  - 3. Vessels
  - 4. Tracheids

Question ID : 7518974347  
Option 1 ID : 75189717388  
Option 2 ID : 75189717386  
Option 3 ID : 75189717387  
Option 4 ID : 75189717385  
Status : Answered  
Chosen Option : 1

**Q.42** In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

Number/ Symbol	1	!	2	@	3	#	4	\$	5	%	6	^	7	&	8	*	9
Code	T	D	C	R	G	B	Y	H	N	J	P	L	Q	S	D	F	Z

Conditions:

- I. If the first element is an even number and the last is an odd number, the code for the first and last elements will be K.
- II. If both the second and third elements are even numbers, the codes for these two are to be interchanged.
- III. If the first element is a number and the last a symbol, the number code is to be used for the symbol also.

What will be the code for 6S8^&3 ?

- Ans**
- 1. KHDL SK
  - 2. GHDL SP
  - 3. PHDL SG
  - 4. KHDL SG

Question ID : 7518978006  
 Option 1 ID : 75189732023  
 Option 2 ID : 75189732024  
 Option 3 ID : 75189732022  
 Option 4 ID : 75189732021  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

**Q.43** ICC Women's International World Cup Cricket 2025 will be hosted by which of the following countries?

- Ans**
- 1. England
  - 2. Australia
  - 3. West Indies
  - 4. India

Question ID : 7518976796  
 Option 1 ID : 75189727182  
 Option 2 ID : 75189727183  
 Option 3 ID : 75189727184  
 Option 4 ID : 75189727181  
 Status : **Answered**  
 Chosen Option : 4



Q.44 Which of the following is NOT an AGMARK qualified product?

- Ans
- 1. Honey
  - 2. Spices
  - 3. Gold jewellery
  - 4. Vegetables

Question ID : 7518974035

Option 1 ID : 75189716139

Option 2 ID : 75189716138

Option 3 ID : 75189716140

Option 4 ID : 75189716137

Status : Answered

Chosen Option : 4

Q.45 Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some mountains are hills.
2. Some hills are rocks.
3. All rocks are black.

Conclusions:

- I. Some black are hills.
- II. All hills are mountains is a possibility.
- III. Some rocks are not mountains.

- Ans
- 1. Only conclusion II is true
  - 2. Only conclusion I is true
  - 3. Only conclusion III is true
  - 4. Only conclusion I and II are true

Question ID : 7518978208

Option 1 ID : 75189732830

Option 2 ID : 75189732829

Option 3 ID : 75189732831

Option 4 ID : 75189732832

Status : Answered

Chosen Option : 2

**Q.46** \_\_\_\_\_ and UNICEF India signed a Statement of Intent (SoI) on the Sustainable Development Goals (SDGs) with a focus on children in April 2022.

- Ans**
- 1. Ministry of Home Affairs
  - 2. Central Vigilance Commission
  - 3. National Commission for Women
  - 4. NITI Aayog

Question ID : 7518976485  
Option 1 ID : 75189725938  
Option 2 ID : 75189725937  
Option 3 ID : 75189725939  
Option 4 ID : 75189725940  
Status : Answered  
Chosen Option : 4

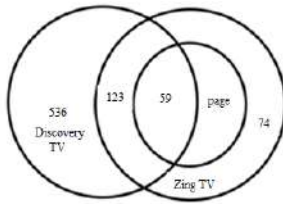
**Q.47** Select the incorrect statements from among the following.

- i. When Mendeléev started his work on the periodic table, 63 elements were known.
- ii. Mendeléev concentrated on the compounds formed by elements with oxygen and hydrogen.
- iii. Mendeléev examined the relationship between the atomic numbers of the elements.
- iv. Mendeléev examined the relationship between the physical and chemical properties of the elements.

- Ans**
- 1. iv
  - 2. iii
  - 3. ii
  - 4. i

Question ID : 7518973714  
Option 1 ID : 75189714853  
Option 2 ID : 75189714854  
Option 3 ID : 75189714855  
Option 4 ID : 75189714856  
Status : Answered  
Chosen Option : 2

**Q.48** Study the following Venn diagram and answer the question that follows. The diagram represents the favourite channels of kids.



The ratio of kids who like only Discovery TV to those who like all the three, is:

- Ans**
- 1. 59/123
  - 2. 123/59
  - 3. 536/59
  - 4. 59/536

Question ID : **7518978969**  
 Option 1 ID : **75189735876**  
 Option 2 ID : **75189735873**  
 Option 3 ID : **75189735875**  
 Option 4 ID : **75189735874**  
 Status : **Answered**  
 Chosen Option : **3**

**Q.49** Each of the letters in the word 'CONFIRM' is arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter which is fourth from the left and the one which is second from the right in the new word thus formed?

- Ans**
- 1. 1
  - 2. 3
  - 3. 4
  - 4. 2



Question ID : **7518977656**  
 Option 1 ID : **75189730621**  
 Option 2 ID : **75189730623**  
 Option 3 ID : **75189730624**  
 Option 4 ID : **75189730622**  
 Status : **Answered**  
 Chosen Option : **1**

Q.50 The LCM of the numbers 5, 12.5 and 0.05 is:

- Ans
- 1. 12.5
  - 2. 1.25
  - 3. 125
  - 4. 25

Question ID : 7518978650  
Option 1 ID : 75189734599  
Option 2 ID : 75189734597  
Option 3 ID : 75189734600  
Option 4 ID : 75189734598  
Status : Answered  
Chosen Option : 1

Q.51 Which of the following is an example of the tertiary sector of employment?

- Ans
- 1. Production of cotton cloth
  - 2. Forestry
  - 3. Teaching
  - 4. Farming

Question ID : 7518978880  
Option 1 ID : 75189735518  
Option 2 ID : 75189735520  
Option 3 ID : 75189735519  
Option 4 ID : 75189735517  
Status : Answered  
Chosen Option : 3

Q.52  $\frac{\sin\theta(1+\cos\theta)}{1+\cos\theta-\sin^2\theta} \times (\sec\theta + \tan\theta)(1 - \sin\theta)$ ,  $0^\circ < \theta < 90^\circ$ , is equal to :

- Ans
- 1.  $\cos \theta$
  - 2.  $\operatorname{cosec} \theta$
  - 3.  $\sec \theta$
  - 4.  $\sin \theta$

Question ID : 7518978481  
Option 1 ID : 75189733921  
Option 2 ID : 75189733924  
Option 3 ID : 75189733923  
Option 4 ID : 75189733922  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

**Q.53** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

4 : 6 :: 8 : 14 :: 16 : ?

- Ans**
- 1. 22
  - 2. 20
  - 3. 30
  - 4. 18

Question ID : 7518978052

Option 1 ID : 75189732206

Option 2 ID : 75189732205

Option 3 ID : 75189732207

Option 4 ID : 75189732208

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.54** 12 years ago, the age of father was 28 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

- Ans**
- 1. 18
  - 2. 14
  - 3. 15
  - 4. 16

Question ID : 7518978441

Option 1 ID : 75189733764

Option 2 ID : 75189733761

Option 3 ID : 75189733762

Option 4 ID : 75189733763

Status : **Answered**

Chosen Option : 4

**Q.55** The lengths of the diagonals of a rhombus are 16 cm and 12 cm. The length of the side of the rhombus is:

- Ans**
- 1. 9 cm
  - 2. 10 cm
  - 3. 20 cm
  - 4. 8 cm

Question ID : 7518978808

Option 1 ID : 75189735232

Option 2 ID : 75189735231

Option 3 ID : 75189735229

Option 4 ID : 75189735230

Status : **Answered**

Chosen Option : 2

Q.56 The angle of incidence for a ray of light incident on a glass slab along its normal, is:

- Ans
- ✓ 1.  $0^\circ$
  - ✗ 2.  $90^\circ$
  - ✗ 3.  $30^\circ$
  - ✗ 4.  $45^\circ$

Question ID : 7518975395  
Option 1 ID : 75189721577  
Option 2 ID : 75189721580  
Option 3 ID : 75189721578  
Option 4 ID : 75189721579  
Status : Answered  
Chosen Option : 4

Q.57 All of the following statements about usage of contraceptive devices are true except one. Select the INCORRECT option.

- Ans
- ✗ 1. They are practiced against natural reproductive events.
  - ✗ 2. They are used to prevent or delay pregnancy.
  - ✗ 3. They have significant role in checking uncontrolled growth of population.
  - ✓ 4. They have no side effects.

Question ID : 7518974626  
Option 1 ID : 75189718501  
Option 2 ID : 75189718502  
Option 3 ID : 75189718504  
Option 4 ID : 75189718503  
Status : Answered  
Chosen Option : 4

Q.58 Select the number from among the given options that can replace the question mark (?) in the following series.

44, 50, 45, 49, 46, 48, ?

- Ans
- ✓ 1. 47
  - ✗ 2. 50
  - ✗ 3. 49
  - ✗ 4. 46

Question ID : 7518978048  
Option 1 ID : 75189732192  
Option 2 ID : 75189732189  
Option 3 ID : 75189732191  
Option 4 ID : 75189732190  
Status : Answered  
Chosen Option : 1

**Q.59** Four wires of the same material are connected like beads of a garland. The equivalent resistance of the garland will:

- Ans**
- 1. become double
  - 2. become one-fourth
  - 3. remain same
  - 4. become four times

Question ID : 7518978133  
Option 1 ID : 75189732532  
Option 2 ID : 75189732531  
Option 3 ID : 75189732529  
Option 4 ID : 75189732530  
Status : Answered  
Chosen Option : 4

**Q.60** Who among the following was one of the two recipient of the Shanti Swarup Bhatnagar Award 2021 in 'Medical Science category'?

- Ans**
- 1. Amit Singh
  - 2. Kanishka Biswas
  - 3. Rohit Srivastava
  - 4. Arun Kumar Yadav

Question ID : 7518978492  
Option 1 ID : 75189733968  
Option 2 ID : 75189733965  
Option 3 ID : 75189733967  
Option 4 ID : 75189733966  
Status : Answered  
Chosen Option : 3

**Q.61** The Government of India Act, 1919, which introduced several reforms, was passed on the basis of which of the following reports/reforms?

- Ans**
- 1. Morley-Chelmsford Reforms
  - 2. Montague-Chelmsford Reforms
  - 3. Morley-Minto Reforms
  - 4. Electorate Reforms

Question ID : 7518978841  
Option 1 ID : 75189735363  
Option 2 ID : 75189735362  
Option 3 ID : 75189735361  
Option 4 ID : 75189735364  
Status : Answered  
Chosen Option : 3

**Q.62** A man loses 12% by selling an article for ₹330. If he sells it for ₹367.50, what will be his gain/loss percentage?

- Ans
- 1. Gain, 2%
  - 2. Loss, 4%
  - 3. Gain, 4%
  - 4. Loss, 2%

Question ID : 7518978376  
Option 1 ID : 75189733501  
Option 2 ID : 75189733504  
Option 3 ID : 75189733503  
Option 4 ID : 75189733502  
Status : Answered  
Chosen Option : 4

**Q.63** 8 persons P, Q, R, S, T, U, V and W are seated around a square table facing the centre of the table in such a way that four of them sit at four corners of the table while the other four sit in the middle of each of the four sides. Out of the 8 persons, there are 3 females who are not an immediate neighbour to each other. U, who is a female, is the immediate neighbour of V and W. Q is the immediate neighbour of both S and V. R, a female, is second to the left of Q. V, a male, is 3rd to the left of T, who is a female. How many persons are seated between P and V when counted from the left of P?

- Ans
- 1. One
  - 2. Four
  - 3. Three
  - 4. Two

Question ID : 7518978951  
Option 1 ID : 75189735801  
Option 2 ID : 75189735804  
Option 3 ID : 75189735803  
Option 4 ID : 75189735802  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.64** The price (per litre) of petrol increases by 52%. By what percent should its consumption be reduced such that the expenditure on it increases by 14% only?

- Ans
- 1. 30%
  - 2. 38%
  - 3. 25%
  - 4. 35%

Question ID : 7518978357  
Option 1 ID : 75189733427  
Option 2 ID : 75189733425  
Option 3 ID : 75189733428  
Option 4 ID : 75189733426  
Status : Answered  
Chosen Option : 3



**Q.65** A science book depicts magnetic field lines around two bar magnets marked A and B. In A, six lines enter into its south pole, and from B, three lines emerge from its north pole. The strength of A is \_\_\_\_\_ that of B.

- Ans**
- 1. half
  - 2. is the same as
  - 3. four times
  - 4. twice

Question ID : 7518976724  
Option 1 ID : 75189726896  
Option 2 ID : 75189726893  
Option 3 ID : 75189726894  
Option 4 ID : 75189726895  
Status : Answered  
Chosen Option : 2

**Q.66** Metabolic wastes are excreted by aquatic plants via \_\_\_\_\_.

- Ans**
- 1. active transport
  - 2. storing
  - 3. diffusion
  - 4. osmosis

Question ID : 7518974352  
Option 1 ID : 75189717407  
Option 2 ID : 75189717408  
Option 3 ID : 75189717405  
Option 4 ID : 75189717406  
Status : Answered  
Chosen Option : 3

**Q.67** If the median of a data is 24.12 less than its mode, then the median of the data exceeds its mean by \_\_\_\_\_. (Use the empirical formula to find the answer)

- Ans**
- 1. 16.08
  - 2. 12.06
  - 3. 6.03
  - 4. 8.04

Question ID : 7518978426  
Option 1 ID : 75189733701  
Option 2 ID : 75189733702  
Option 3 ID : 75189733703  
Option 4 ID : 75189733704  
Status : Answered  
Chosen Option : 2

**Q.68** During each breathing cycle, when air is taken in and thrown out, the lungs always contain some amount of air so that there is sufficient time for oxygen to be absorbed and carbon dioxide to be released. What is this amount of air called?

- Ans**
- 1. Pulmonary volume
  - 2. Alveolar volume
  - 3. Breathing volume
  - 4. Residual volume

Question ID : **7518974587**  
Option 1 ID : **75189718346**  
Option 2 ID : **75189718347**  
Option 3 ID : **75189718348**  
Option 4 ID : **75189718345**  
Status : **Answered**  
Chosen Option : **2**

**Q.69** The total surface area of a cube having side 5 cm is:

- Ans**
- 1.  $325 \text{ cm}^2$
  - 2.  $150 \text{ cm}^2$
  - 3.  $250 \text{ cm}^2$
  - 4.  $225 \text{ cm}^2$

Question ID : **7518978794**  
Option 1 ID : **75189735173**  
Option 2 ID : **75189735176**  
Option 3 ID : **75189735175**  
Option 4 ID : **75189735174**  
Status : **Answered**  
Chosen Option : **2**

**Q.70** A true breeding tall pea plant with yellow seeds was crossed with a true breeding dwarf pea plant with green seeds. In the F<sub>1</sub> generation, all the plants were tall. What conclusion can be drawn from this experiment?

- Ans**
- 1. Parent plants were heterozygous.
  - 2. Tallness was dominant over dwarfness.
  - 3.

One parent plant was homozygous and the other was heterozygous.

- 4. This shows independent assortment of genes.

Question ID : **7518974643**  
Option 1 ID : **75189718569**  
Option 2 ID : **75189718571**  
Option 3 ID : **75189718572**  
Option 4 ID : **75189718570**  
Status : **Not Answered**  
Chosen Option : **--**

Q.71 The Hamsa Sampradaya is a prominent sect in which the followers mainly worship Lord \_\_\_\_\_.

- Ans
- 1. Indra
  - 2. Shiva
  - 3. Ram and Sita
  - 4. Krishna and Radha

Question ID : 7518978863  
Option 1 ID : 75189735450  
Option 2 ID : 75189735449  
Option 3 ID : 75189735452  
Option 4 ID : 75189735451  
Status : Not Answered  
Chosen Option : --

Q.72 In a triangle ABC if  $\angle ABC = 90^\circ$  and  $BA = BC$ , then the angles of A and C respectively are:

- Ans
- 1.  $50^\circ, 40^\circ$
  - 2.  $45^\circ, 45^\circ$
  - 3.  $80^\circ, 60^\circ$
  - 4.  $80^\circ, 70^\circ$

Question ID : 7518978805  
Option 1 ID : 75189735219  
Option 2 ID : 75189735220  
Option 3 ID : 75189735218  
Option 4 ID : 75189735217  
Status : Answered  
Chosen Option : 2

Q.73 Locally known as \_\_\_\_\_ in India, the fruit of 'Emblica officinalis' is used in the manufacture of Chyavanprash.

- Ans
- 1. neem
  - 2. amla
  - 3. mahua
  - 4. aphim

Question ID : 7518978583  
Option 1 ID : 75189734332  
Option 2 ID : 75189734330  
Option 3 ID : 75189734329  
Option 4 ID : 75189734331  
Status : Answered  
Chosen Option : 2

**Q.74** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

21UDA, 18BKH, 15IRO, 12PYV,?

- Ans**
- 1. 9WFC
  - 2. 7FCW
  - 3. 9FCW
  - 4. 7WFC

Question ID : 7518979139  
Option 1 ID : 75189736553  
Option 2 ID : 75189736554  
Option 3 ID : 75189736556  
Option 4 ID : 75189736555  
Status : Answered  
Chosen Option : 1

**Q.75** Refer to the following number series and answer the question.

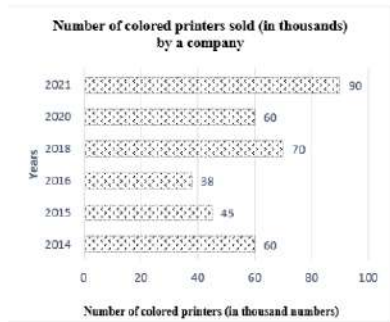
729638387732732213399749909

Find the sum of number of occurrences of 7s and number of occurrences of 9s in the given series.

- Ans**
- 1. 5
  - 2. 14
  - 3. 11
  - 4. 7

Question ID : 7518978257  
Option 1 ID : 75189733028  
Option 2 ID : 75189733027  
Option 3 ID : 75189733026  
Option 4 ID : 75189733025  
Status : Answered  
Chosen Option : 3

**Q.76** The given bar chart shows number of color printers sold by a company in the years 2014, 2015, 2016, 2018, 2020 and 2021. Study the given bar chart and answer the question.



The number of coloured printers sold in 2015 is approximately what percentage of the number of coloured printers sold in 2021?

- Ans
- 1. 45%
  - 2. 55%
  - 3. 50%
  - 4. 42%

Question ID : 7518977771  
 Option 1 ID : 75189731083  
 Option 2 ID : 75189731081  
 Option 3 ID : 75189731084  
 Option 4 ID : 75189731082  
 Status : Answered  
 Chosen Option : 3

**Q.77** From the organisms given below, select the top predator.

- Ans
- 1. Mouse
  - 2. Grasshopper
  - 3. Eagle
  - 4. Python

Question ID : 7518974461  
 Option 1 ID : 75189717841  
 Option 2 ID : 75189717842  
 Option 3 ID : 75189717844  
 Option 4 ID : 75189717843  
 Status : Answered  
 Chosen Option : 2

**Q.78** Q, W, E, R, T and Y live on seven different floors of the same building with one floor being vacant. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 7. T lives on the 7<sup>th</sup> floor, and W lives on the 1<sup>st</sup> floor. Only Y lives between R and W and there is no vacant floor between R and W. The 5<sup>th</sup> floor is occupied by E. Only Q lives between T and E. Which floor is vacant?

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

Question ID : 7518974728  
Option 1 ID : 75189718909  
Option 2 ID : 75189718910  
Option 3 ID : 75189718912  
Option 4 ID : 75189718911  
Status : Answered  
Chosen Option : 2

**Q.79** Three resistors of  $8\ \Omega$ ,  $12\ \Omega$  and  $24\ \Omega$  are connected in parallel. The resistance of the combination is:

- Ans**
- 1.  $4.8\ \Omega$
  - 2.  $44\ \Omega$
  - 3.  $4\ \Omega$
  - 4.  $8\ \Omega$

Question ID : 7518976693  
Option 1 ID : 75189726770  
Option 2 ID : 75189726772  
Option 3 ID : 75189726769  
Option 4 ID : 75189726771  
Status : Answered  
Chosen Option : 3

**Q.80** The amount on a sum of ₹2,400 at 5% per annum compound interest, compounded annually, in 2 years will be:

- Ans**
- 1. ₹5,646
  - 2. ₹4,646
  - 3. ₹3,646
  - 4. ₹2,646

Question ID : 7518978679  
Option 1 ID : 75189734713  
Option 2 ID : 75189734714  
Option 3 ID : 75189734715  
Option 4 ID : 75189734716  
Status : Answered  
Chosen Option : 4

Q.81 If 3 January 2006 is a Tuesday, then what will be the day of the week on 15 June 2010?

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

Question ID : 7518979147  
Option 1 ID : 75189736586  
Option 2 ID : 75189736587  
Option 3 ID : 75189736585  
Option 4 ID : 75189736588  
Status : Answered  
Chosen Option : 1

Q.82 In January 2022, the Ministry of Environment, Forest and Climate Change announced the 'Action Plan for Introduction of \_\_\_\_\_ in India' whereby the extinct species is to be reintroduced in the country.

- Ans
- 1. Pink-headed duck
  - 2. Sumatran rhinoceros
  - 3. Cheetah
  - 4. Himalayan quail

Question ID : 7518978584  
Option 1 ID : 75189734333  
Option 2 ID : 75189734336  
Option 3 ID : 75189734335  
Option 4 ID : 75189734334  
Status : Not Answered  
Chosen Option : --

Q.83 Article 15 of the Indian Constitution relates to the \_\_\_\_\_.

- Ans
- 1. Right to Freedom
  - 2. Right to Equality
  - 3. Right to Education
  - 4. Right against Exploitation

Question ID : 7518978926  
Option 1 ID : 75189735703  
Option 2 ID : 75189735702  
Option 3 ID : 75189735701  
Option 4 ID : 75189735704  
Status : Answered  
Chosen Option : 4

**Q.84** An object is placed on the principal axis of a concave lens of focal length 15 cm, at a distance of 30 cm. Its image formed is at a distance of \_\_\_\_\_.

- Ans**
- 1. 15 cm
  - 2. 30 cm
  - 3. 10 cm
  - 4. 20 cm

Question ID : 7518976627  
Option 1 ID : 75189726506  
Option 2 ID : 75189726508  
Option 3 ID : 75189726505  
Option 4 ID : 75189726507  
Status : Answered  
Chosen Option : 1

**Q.85** PF 13 is related to MC 20 in a certain way. In the same way, LR 19 is related to IO 26. To which of the following is XJ 25 related following the same logic?

- Ans**
- 1. UG 33
  - 2. UG 32
  - 3. GU 32
  - 4. VG 32

Question ID : 7518978288  
Option 1 ID : 75189733151  
Option 2 ID : 75189733149  
Option 3 ID : 75189733150  
Option 4 ID : 75189733152  
Status : Not Answered  
Chosen Option : --

**Q.86** Fleming's right-hand rule is used to find the direction of:

- Ans**
- 1. induced current
  - 2. force
  - 3. electric field
  - 4. potential

Question ID : 7518978164  
Option 1 ID : 75189732656  
Option 2 ID : 75189732654  
Option 3 ID : 75189732653  
Option 4 ID : 75189732655  
Status : Answered  
Chosen Option : 1



Q.87 Match the following:

matter	pH
i. human body	a. less than 5.6
ii. acid rain	b. less than 5.5
iii. mouth when tooth decay starts	c. 7 to 7.8

- Ans
- 1. i-a, ii-b, iii-c
  - 2. i-a, ii-c, iii-b
  - 3. i-c, ii-a, iii-b
  - 4. i-c, ii-b, iii-a

Question ID : 7518973633  
Option 1 ID : 75189714529  
Option 2 ID : 75189714532  
Option 3 ID : 75189714531  
Option 4 ID : 75189714530

Status : Answered  
Chosen Option : 4

Q.88 The cost of 4 pens and 3 notebooks is ₹150. The cost of 5 notebooks exceeds the cost of 6 pens by ₹41. What is the cost of 3 pens and 2 notebooks?

- Ans
- 1. ₹110.50
  - 2. ₹104.00
  - 3. ₹105.50
  - 4. ₹109.00

Question ID : 7518978435  
Option 1 ID : 75189733737  
Option 2 ID : 75189733739  
Option 3 ID : 75189733740  
Option 4 ID : 75189733738

Status : Not Answered  
Chosen Option : --

**Q.89** A dealer buys two articles X and Y for ₹600 each. He marks each of them at the same price. He sells X by giving two successive discounts of 25% and 15% and still earns ₹216 as profit. If he sells Y at a single discount of 46%, then what is the profit percentage on Y?

- Ans**
- 1. 15%
  - 2. 14%
  - 3. 14.5%
  - 4. 15.2%

Question ID : 7518978389  
Option 1 ID : 75189733555  
Option 2 ID : 75189733553  
Option 3 ID : 75189733554  
Option 4 ID : 75189733556  
Status : Not Answered  
Chosen Option : --

**Q.90** The heights of six students in a school are 160 cm, 175 cm, 142 cm, 136 cm, 148 cm, and 182 cm. Find the mean of their heights (in cm) (Rounded off to 2 decimal places).

- Ans**
- 1. 152.55
  - 2. 160.47
  - 3. 147.57
  - 4. 157.17

Question ID : 7518976113  
Option 1 ID : 75189724450  
Option 2 ID : 75189724452  
Option 3 ID : 75189724449  
Option 4 ID : 75189724451  
Status : Answered  
Chosen Option : 4

**Q.91** The difference in the measures of two complementary angles is  $24^\circ$ . Find the measure of the greater angle.

- Ans**
- 1.  $55^\circ$
  - 2.  $33^\circ$
  - 3.  $57^\circ$
  - 4.  $43^\circ$

Question ID : 7518976140  
Option 1 ID : 75189724559  
Option 2 ID : 75189724557  
Option 3 ID : 75189724560  
Option 4 ID : 75189724558  
Status : Answered  
Chosen Option : 3

**Q.92** Project \_\_\_\_\_, developed by DBT – National Brain Research Centre, Haryana, is a unique brain initiative for managing brain disorders.

- Ans**
- 1. UDAAN
  - 2. AMRUT
  - 3. SWADESH
  - 4. PRASAD

Question ID : 7518978496  
Option 1 ID : 75189733983  
Option 2 ID : 75189733984  
Option 3 ID : 75189733982  
Option 4 ID : 75189733981  
Status : Not Answered  
Chosen Option : --

**Q.93** Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some sports are cricket.
2. Some cricket are tennis.
3. All tennis are balls.

Conclusions:

- I. Some tennis are sports.
- II. Some balls are sports.
- III. Some balls are cricket.

- Ans**
- 1. Only conclusion I is true
  - 2. Only conclusion I and II are true
  - 3. Only conclusion II is true
  - 4. Only conclusion III is true

Question ID : 7518978206  
Option 1 ID : 75189732821  
Option 2 ID : 75189732824  
Option 3 ID : 75189732822  
Option 4 ID : 75189732823  
Status : Not Answered  
Chosen Option : --

Q.94 An element belongs to period 2 and group 2 the number of valence electrons in the atoms of this element is:

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

Question ID : 7518973692  
Option 1 ID : 75189714768  
Option 2 ID : 75189714767  
Option 3 ID : 75189714765  
Option 4 ID : 75189714766  
Status : Answered  
Chosen Option : 3

Q.95 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

198 : 18 :: 253 : 23 :: 44 : ?

- Ans
- 1. 5
  - 2. 4
  - 3. 15
  - 4. 13

Question ID : 7518978055  
Option 1 ID : 75189732220  
Option 2 ID : 75189732218  
Option 3 ID : 75189732219  
Option 4 ID : 75189732217  
Status : Not Answered  
Chosen Option : --

**Q.96** Given below is a statement followed by two possible underlying assumptions I and II. Read the information carefully and select the correct option.

**Statement:**

Although The fashion brand 'Pick2wear' failed miserably in country X, it will surely make huge profits in a country with a higher average age like country T.

Which of the following can be assumed by the given statement?

- I. The percentage of older people are more in country T as compared to country X,
- II. 'Pick2Wear' usually does not suit the dressing preferences of youngsters.

- Ans**
- 1. Only I can be assumed
  - 2. Both I and II can be assumed
  - 3. Only II can be assumed
  - 4. Neither I nor II can be assumed

Question ID : 7518979080  
Option 1 ID : 75189736317  
Option 2 ID : 75189736319  
Option 3 ID : 75189736318  
Option 4 ID : 75189736320  
Status : Not Answered  
Chosen Option : --

**Q.97** The sunflower plant grows best in a soil having a pH range of 6.2 to 6.7. If the soil in a garden has a pH of 5, which substance needs to be added to the soil in order to grow sunflower?

- Ans**
- 1. Compost
  - 2. Salt
  - 3. Lime
  - 4. Sand

Question ID : 7518973638  
Option 1 ID : 75189714552  
Option 2 ID : 75189714549  
Option 3 ID : 75189714550  
Option 4 ID : 75189714551  
Status : Not Answered  
Chosen Option : --

**Q.98** A bag contains ₹2, ₹5 and ₹10 coins in the ratio 5 : 7 : 8, amounting to a total of ₹1250. The number of ₹5 coins in the bag are:

- Ans**
- 1. 84
  - 2. 91
  - 3. 78
  - 4. 70

Question ID : 7518976272  
Option 1 ID : 75189725086  
Option 2 ID : 75189725088  
Option 3 ID : 75189725087  
Option 4 ID : 75189725085  
Status : Answered  
Chosen Option : 4

Q.99 What is the total number of single bonds in cyclopentane?

- Ans
- 1. 5
  - 2. 10
  - 3. 15
  - 4. 12

Question ID : 7518973403  
Option 1 ID : 75189713609  
Option 2 ID : 75189713610  
Option 3 ID : 75189713612  
Option 4 ID : 75189713611  
Status : Answered  
Chosen Option : 3

Q.100 If  $a$  and  $b$  are the roots of the equation  $x^2 + 3x - 4 = 0$ , then the value of  $\frac{1}{a} + \frac{1}{b} + ab$  is:

- Ans
- 1.  $\frac{12}{5}$
  - 2.  $\frac{13}{4}$
  - 3.  $-\frac{12}{5}$
  - 4.  $-\frac{13}{4}$

Question ID : 7518976355  
Option 1 ID : 75189725417  
Option 2 ID : 75189725419  
Option 3 ID : 75189725418  
Option 4 ID : 75189725420  
Status : Answered  
Chosen Option : 4