| 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 $17^{th}$ from the right end, while Rakesh is $17^{th}$ from the left end. Sonu is exactly between Ram and Rakesh. What is the position of Sonu from left end?

Ans
✗ 1. $12^{th}$
✗ 2. $3^{rd}$
✔ 3. $18^{th}$
✗ 4. $20^{th}$

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
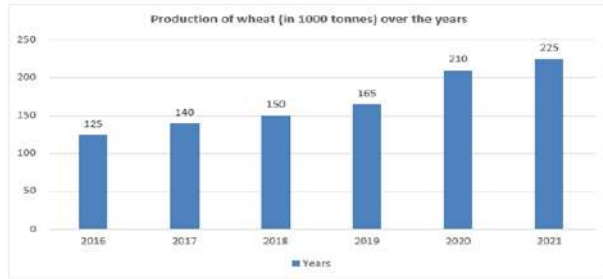
✗ 2. 12 cm, real

✗ 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.



Production of wheat (in 1000 tonnes) over the years

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. $|e_D| =$ Above 0 but less than 1

✔ 2. $|e_D| = 1$

✗ 3. $|e_D| = 0$

✗ 4. $|e_D| =$ 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. $\left(\frac{1}{4}\right)$ PF

✗ 2. $\left(\frac{1}{2}\right)$ 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 Ω and B of 20 Ω, 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. $\left(\frac{1}{2}\right)$ and $\left(\frac{1}{2}\right)$

✗ 2. 2 and $\left(\frac{1}{2}\right)$

✔ 3. $\left(\frac{1}{2}\right)$ 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**
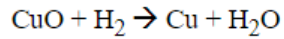Option 1 ID : **75189733323**
Option 2 ID : **75189733321**
Option 3 ID : **75189733322**
Option 4 ID : **75189733324**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

$$CuO + H_2 \rightarrow Cu + H_2O$$

Ans ✗ 1. $CuO$

✗ 2. $H_2O$

✗ 3. $Cu$

✓ 4. $H_2$

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 $\dfrac{1\frac{2}{3} + 2\frac{1}{2} \times \frac{2}{3}}{5 - 4\frac{1}{2} \div \frac{3}{2}}$ 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 NCPCR?

**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.  KHDLSK
✘ 2.  GHDLSP
✘ 3.  PHDLSG
✘ 4.  KHDLSG

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**
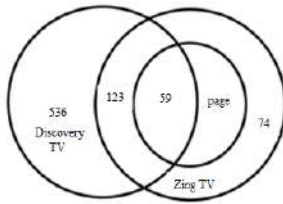Status : **Answered**
Chosen Option : **4**

**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.
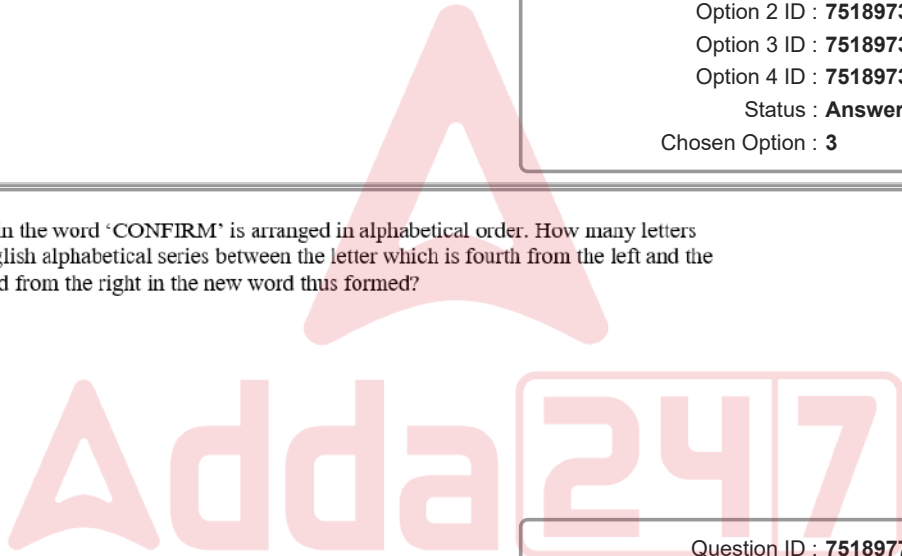


The ratio of kids who like only Discovery TV to those who like all the three, is:

**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** $\dfrac{\sin\theta(1+\cos\theta)}{1+\cos\theta-\sin^2\theta} \times (\sec\theta + \tan\theta)(1 - \sin\theta), 0° < \theta < 90°$, 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°

✘ 2. 90°

✘ 3. 30°

✘ 4. 45°

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. $325 \ cm^2$

✓ 2. $150 \ cm^2$

✗ 3. $250 \ cm^2$

✗ 4. $225 \ cm^2$

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 F1 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 ∠ABC = 90° and BA = BC, then the angles of A and C respectively are:

Ans ✗ 1. 50°, 40°

✓ 2. 45°, 45°

✗ 3. 80°, 60°

✗ 4. 80°, 70°

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.

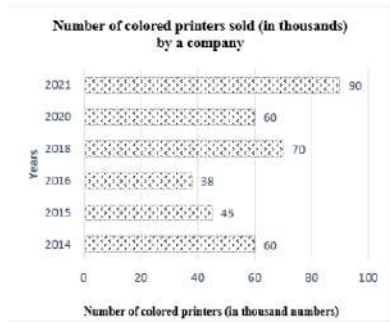7 2 9 6 3 8 3 8 7 7 3 2 7 3 2 2 1 3 3 9 9 7 4 9 9 0 9

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.



Number of colored printers sold (in thousands) by a company

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 $7^{th}$ floor, and W lives on the $1^{st}$ floor. Only Y lives between R and W and there is no vacant floor between R and W. The $5^{th}$ 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 Ω, 12 Ω and 24 Ω are connected in parallel. The resistance of the combination is:

**Ans**
✗ 1. 4.8 Ω
✗ 2. 44 Ω
✔ 3. 4 Ω
✗ 4. 8 Ω

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°. Find the measure of the greater angle.

**Ans**
✗ 1. 55°

✗ 2. 33°

✔ 3. 57°

✗ 4. 43°

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**

QP HTML Generated date 2022/09/11-13:51:22