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	Dr.Y.S.R. ANU COLLEGE OF ENGINEERING & TECHNOLOGY
Test Date	17/08/2022
Test Time	5:00 PM - 6:30 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 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic.
Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

TORPEDO : DEOOPRT

FLICKER : CEFIKLR

Ans ✗ 1. CYNICAL : ACCLINY
✗ 2. CURTAIN : RUCNIAT
✓ 3. PERTAIN : AEINPRT
✗ 4. CLOSURE : OLCERUS

Question ID : **7518975278**
Option 1 ID : **75189721112**
Option 2 ID : **75189721111**
Option 3 ID : **75189721110**
Option 4 ID : **75189721109**
Status : **Answered**
Chosen Option : **3**

Q.2 Four friends Ramniwas, Ramesh, Ramsingh and Raman received their PhD degrees in consecutive months of the same calendar year. Ramniwas received his degree exactly one month prior to Ramsingh. Raman received his degree exactly one month after Ramesh. Ramniwas received his degree in September and Raman did not obtain his degree before Ramniwas. In which month did Ramesh receive his degree?

Ans ✗ 1. August

✗ 2. October

✓ 3. November

✗ 4. December

Question ID : **7518974730**
Option 1 ID : **75189718920**
Option 2 ID : **75189718917**
Option 3 ID : **75189718918**
Option 4 ID : **75189718919**
Status : **Answered**
Chosen Option : **3**

Q.3 A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the given assumptions is/are implicit in the statement.

Statement:

The demand for smartphones and laptops has increased substantially since the introduction of online classes in schools.

Assumptions:

I.   People are buying smartphones and laptops to enable their children to attend online classes

II. Desktop computers cannot be used to attend online classes.

Ans ✗ 1. Only assumption II is implicit

✓ 2. Only assumption I is implicit

✗ 3. Neither assumption I nor II is implicit

✗ 4. Both assumptions I and II are implicit

Question ID : **7518976408**
Option 1 ID : **75189725630**
Option 2 ID : **75189725629**
Option 3 ID : **75189725631**
Option 4 ID : **75189725632**
Status : **Answered**
Chosen Option : **2**

Q.4 From point X, a girl walks 70 m towards the north. Then, she takes a left turn and walks 150 m. Then, she takes a left turn and walks 70 m. Then, she takes another left turn and walks 90 m. She then takes a right turn and walks 100 m. Finally, she takes a left turn and walks 60 m to reach point Z. How far and in which direction is point Z from point X? (All turns are 90 degree turns only)

Ans   ✗ 1. 60 m, South

    ✗ 2. 60 m, North
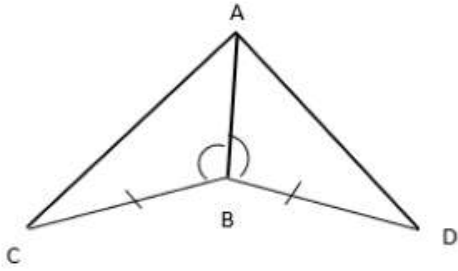
    ✗ 3. 100 m, North

    ✓ 4. 100 m, South

Question ID : **7518975043**
Option 1 ID : **75189720170**
Option 2 ID : **75189720169**
Option 3 ID : **75189720171**
Option 4 ID : **75189720172**
Status : **Answered**
Chosen Option : **4**

Q.5 The HCF of two numbers is 7 and their LCM is 434. If one of the numbers is 14, find the other.

Ans   ✗ 1. 146

    ✓ 2. 217

    ✗ 3. 52

    ✗ 4. 48

Question ID : **7518976044**
Option 1 ID : **75189724176**
Option 2 ID : **75189724175**
Option 3 ID : **75189724174**
Option 4 ID : **75189724173**
Status : **Answered**
Chosen Option : **2**

Q.6 In the given figure ∠ABC = ∠ABD, BC = BD then ▲ CAB ≅ ▲ ---------

Ans
1. DBA ✗
2. DAB ✓
3. ADB ✗
4. ABD ✗

Question ID : **7518975770**
Option 1 ID : **75189723078**
Option 2 ID : **75189723080**
Option 3 ID : **75189723079**
Option 4 ID : **75189723077**
Status : **Answered**
Chosen Option : **2**

Q.7 Study the given letter, symbol series and answer the question that follows.

L @ S * E ^ B U # W I < E M @ O $ # B * H ! A & L < O

If we replace each of the vowels with any consonant and similarly if we replace each of the consonants in the original series with any vowel, then how many consonants will be immediately followed by a symbol in the resultant series thus formed?

Ans
1. 5 ✓
2. 7 ✗
3. 6 ✗
4. 4 ✗

Question ID : **7518974809**
Option 1 ID : **75189719234**
Option 2 ID : **75189719236**
Option 3 ID : **75189719235**
Option 4 ID : **75189719233**
Status : **Answered**
Chosen Option : **1**

Q.8 In which organism sex is not determined genetically?

Ans
- ✗ 1. Sparrow
- ✗ 2. Butterfly
- ✓ 3. Snail
- ✗ 4. Moth

Question ID : **7518974450**
Option 1 ID : **75189717799**
Option 2 ID : **75189717798**
Option 3 ID : **75189717797**
Option 4 ID : **75189717800**
Status : **Answered**
Chosen Option : **4**

Q.9 The age of a father six years ago was six times the then age of his daughter. Three years hence, the father will be thrice as old as his daughter. What is the present age of the daughter?

Ans
- ✗ 1. 15 years
- ✓ 2. 12 years
- ✗ 3. 17 years
- ✗ 4. 20 years

Question ID : **7518976343**
Option 1 ID : **75189725370**
Option 2 ID : **75189725369**
Option 3 ID : **75189725371**
Option 4 ID : **75189725372**
Status : **Answered**
Chosen Option : **2**

Q.10 Two wires A and B are made of same material and have the same length but different cross-sectional areas. If the resistance of wire A is 16 times the resistance of wire B, the ratio of the cross-sectional area of wire A to that of wire B is:

Ans
- ✗ 1. 1 : 4
- ✓ 2. 1 : 16
- ✗ 3. 4 : 1
- ✗ 4. 16 : 1

Question ID : **7518975465**
Option 1 ID : **75189721857**
Option 2 ID : **75189721859**
Option 3 ID : **75189721858**
Option 4 ID : **75189721860**
Status : **Answered**
Chosen Option : **2**

Q.11 Each of W, X, Y, Z, A, B and C has a wedding to attend on a different day of a week starting from Monday to Sunday of the same week. C has to attend wedding immediately after A. Y has to attend a wedding on one of the days before B and W. Only Z has to attend a wedding before A. X has to attend a wedding on Friday. B does not have to attend a wedding on Sunday. On which day of the week does Y have to attend a wedding?

Ans

✗ 1. Saturday

✗ 2. Sunday

✗ 3. Wednesday

✓ 4. Thursday

Question ID : **7518974911**
Option 1 ID : **75189719642**
Option 2 ID : **75189719644**
Option 3 ID : **75189719643**
Option 4 ID : **75189719641**
Status : **Answered**
Chosen Option : **4**

Q.12 Who was conferred with Major Dhyan Chand Khel Ratna Award 2021 for his outstanding achievements in Para shooting?

Ans

✗ 1. Harman Preet Singh

✗ 2. Praveen Kumar

✓ 3. Manish Narwal

✗ 4. Sharad Kumar

Question ID : **7518973944**
Option 1 ID : **75189715774**
Option 2 ID : **75189715775**
Option 3 ID : **75189715773**
Option 4 ID : **75189715776**
Status : **Answered**
Chosen Option : **1**

Q.13 Which of the following alphanumeric clusters will replace the question mark (?) in the series to make it logically complete?

1 AZC 2, 3 DYF 4, 7 GXI 8, ?

Ans

✓ 1. 15 JWL 16

✗ 2. 13 IJK 14

✗ 3. 13 IWK 14

✗ 4. 15 IVK 16

Question ID : **7518974782**
Option 1 ID : **75189719128**
Option 2 ID : **75189719127**
Option 3 ID : **75189719126**
Option 4 ID : **75189719125**
Status : **Answered**
Chosen Option : **1**

Q.14 A cost incurred in the past and that cannot be recovered in the future is called _____.

Ans ✗ 1. economic cost

✗ 2. floating cost

✓ 3. sunk cost

✗ 4. prime cost

Question ID : **7518974231**
Option 1 ID : **75189716924**
Option 2 ID : **75189716922**
Option 3 ID : **75189716921**
Option 4 ID : **75189716923**
Status : **Answered**
Chosen Option : **1**

Q.15 If $2^x \times 4^{12} \times 8^3 = 16^{11}$, then the value of x is:

Ans ✗ 1. 14

✗ 2. 12

✓ 3. 11

✗ 4. 13

Question ID : **7518976222**
Option 1 ID : **75189724888**
Option 2 ID : **75189724885**
Option 3 ID : **75189724886**
Option 4 ID : **75189724887**
Status : **Answered**
Chosen Option : **4**

Q.16 Identify the personality from among the following who received the Padma Shri 2022 award in the sports field.

Ans ✗ 1. Tara Jauhar

✗ 2. Shaibal Gupta

✗ 3. Shivnath Mishra

✓ 4. Avani Lekhara

Question ID : **7518976474**
Option 1 ID : **75189725894**
Option 2 ID : **75189725896**
Option 3 ID : **75189725895**
Option 4 ID : **75189725893**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.17 A can finish painting a sari in 11 days, B in 20 days and C in 55 days, if they work independently. In how many days can the work be completed if A is assisted by B on every odd numbered day and by C on every even numbered day till the work completes?

Ans

✅ 1. 8 days

❌ 2. 18 days

❌ 3. 12 days

❌ 4. 9 days

Question ID : **7518975659**
Option 1 ID : **75189722634**
Option 2 ID : **75189722636**
Option 3 ID : **75189722633**
Option 4 ID : **75189722635**
Status : **Answered**
Chosen Option : **1**

Q.18 Eight friends, A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Four of them are sitting at the corners while the other four are sitting at the exact centre of sides of the table. Both A and C are sitting at the opposite corners. F and D are sitting at the opposite corners. Only G is between A and F. Only B is between A and D. H is to the immediate left of C. G is to the immediate right of F. E is second to right of H. D is second to left of C. D is third to left of E. Who is sitting second to left of B?

Ans

❌ 1. E

❌ 2. F

✅ 3. G

❌ 4. H

Question ID : **7518975135**
Option 1 ID : **75189720537**
Option 2 ID : **75189720538**
Option 3 ID : **75189720539**
Option 4 ID : **75189720540**
Status : **Answered**
Chosen Option : **3**

Q.19 P, Q, R, S and T are sitting in a straight line, facing north. S is an immediate neighbour of both P and R. R is an immediate neighbour of both S and Q. Q is an immediate neighbour of both R and T. Who are the immediate neighbours of Q?

Ans

❌ 1. S and R

❌ 2. S and T

❌ 3. P and R

✅ 4. R and T

Question ID : **7518974716**
Option 1 ID : **75189718861**
Option 2 ID : **75189718863**
Option 3 ID : **75189718864**
Option 4 ID : **75189718862**
Status : **Answered**
Chosen Option : **4**

Q.20 What does the term 'Upa' in the term Upanishad denote?

Ans
✔ 1. Nearness
✘ 2. Totality
✘ 3. Secret
✘ 4. Happiness

Question ID : **7518973844**
Option 1 ID : **75189715376**
Option 2 ID : **75189715375**
Option 3 ID : **75189715374**
Option 4 ID : **75189715373**
Status : **Answered**
Chosen Option : **1**

Q.21 'Save the Narmada' movement originated as a protest against raising the height of Sardar Sarovar Dam. Some disadvantages of building dams are mentioned below. Which one is an advantage?

Ans
✔ 1. Helpful in irrigation and electricity production
✘ 2. Lot of public money is used
✘ 3. Many tribals and peasants are displaced
✘ 4. Causes deforestation and loss of biodiversity

Question ID : **7518974700**
Option 1 ID : **75189718800**
Option 2 ID : **75189718798**
Option 3 ID : **75189718797**
Option 4 ID : **75189718799**
Status : **Answered**
Chosen Option : **1**

Q.22 Arrange the following metals in the decreasing order of reactivity:

K, Na, Zn, Cu, Hg, Ag

Ans
✘ 1. K > Na > Zn > Ag > Hg > Cu
✘ 2. K > Na > Zn > Cu > Ag > Hg
✔ 3. K > Na > Zn > Cu > Hg > Ag
✘ 4. K > Na > Zn > Hg > Cu > Ag

Question ID : **7518973683**
Option 1 ID : **75189714732**
Option 2 ID : **75189714730**
Option 3 ID : **75189714729**
Option 4 ID : **75189714731**
Status : **Answered**
Chosen Option : **3**

Q.23 A man invested ₹75,000 at the rate of $7\frac{1}{2}\%$ per annum simple interest for 6 years. Find the amount he will receive after 6 years.

Ans

✗ 1. ₹69,600

✗ 2. ₹75,000

✗ 3. ₹1,12,500

✔ 4. ₹1,08,750

Question ID : **7518976066**
Option 1 ID : **75189724261**
Option 2 ID : **75189724263**
Option 3 ID : **75189724264**
Option 4 ID : **75189724262**
Status : **Answered**
Chosen Option : **4**

Q.24

What is the direction of the Inter Tropical Convergence Zone in winter?

Ans

✗ 1. Westward

✔ 2. Southward

✗ 3. Northward

✗ 4. Eastward

Question ID : **7518973894**
Option 1 ID : **75189715576**
Option 2 ID : **75189715573**
Option 3 ID : **75189715574**
Option 4 ID : **75189715575**
Status : **Marked For Review**
Chosen Option : **4**

Q.25 A student focusses a sharp image of sun using a spherical mirror on a sheet of paper, which starts to burn after some time.
Which of the following statement/statements about the mirror is/are correct?

(a) It is concave spherical mirror

(b) It has positive focal length

(c) It is a converging mirror

Ans ✓ 1. Both (a) and (c)

✗ 2. Both (a) and (b)

✗ 3. (a), (b) and (c)

✗ 4. Both (b) and (c)

Question ID : **7518975379**
Option 1 ID : **75189721515**
Option 2 ID : **75189721513**
Option 3 ID : **75189721516**
Option 4 ID : **75189721514**
Status : **Answered**
Chosen Option : **2**

Q.26 Which of the following statements is FALSE?

Ans ✗ 1.
In the first stage of respiration, breakdown of glucose takes place.

✓ 2.
In the mitochondria, acetic acid is broken down utilising oxygen.

✗ 3. Pyruvic acid is produced in the first stage of respiration.

✗ 4. Oxygen is not necessary for the fermentation process.

Question ID : **7518974337**
Option 1 ID : **75189717347**
Option 2 ID : **75189717345**
Option 3 ID : **75189717348**
Option 4 ID : **75189717346**
Status : **Answered**
Chosen Option : **4**

Q.27 The sum of the roots of the quadratic equation $4x^2 + 7x - 21 = 0$ is:

Ans

✗ 1. $-\dfrac{21}{4}$

✗ 2. -21

✓ 3. $-\dfrac{7}{4}$

✗ 4. $\dfrac{7}{4}$

Question ID : **7518976169**
Option 1 ID : **75189724674**
Option 2 ID : **75189724673**
Option 3 ID : **75189724675**
Option 4 ID : **75189724676**
Status : **Answered**
Chosen Option : **1**

Q.28 What is the area of an equilateral triangle whose each side is 14 cm long?

Ans

✗ 1. $21\sqrt{3}\ cm^2$

✗ 2. $14\sqrt{3}\ cm^2$

✗ 3. $35\sqrt{3}\ cm^2$

✓ 4. $49\sqrt{3}\ cm^2$

Question ID : **7518976358**
Option 1 ID : **75189725432**
Option 2 ID : **75189725429**
Option 3 ID : **75189725430**
Option 4 ID : **75189725431**
Status : **Answered**
Chosen Option : **4**

Q.29 If 2 is subtracted from each odd digit and 1 is added to each even digit in the number 83252769, how many digits will occur more than once in the new number thus formed?

Ans

✗ 1. None

✗ 2. Three

✓ 3. Two

✗ 4. One

Question ID : **7518974879**
Option 1 ID : **75189719513**
Option 2 ID : **75189719516**
Option 3 ID : **75189719515**
Option 4 ID : **75189719514**
Status : **Answered**
Chosen Option : **3**

Q.30 Which of the following is the commercial unit of electric energy?

Ans
- ✗ 1. Calorie
- ✓ 2. Kilowatt hour
- ✗ 3. Joule
- ✗ 4. Watt second

Question ID : **7518975491**
Option 1 ID : **75189721963**
Option 2 ID : **75189721962**
Option 3 ID : **75189721961**
Option 4 ID : **75189721964**
Status : **Answered**
Chosen Option : **4**

Q.31 A man travelled at a speed of 20 m/min for 100 min, and at a speed of 70 m/min for 50 min. His average speed is

Ans
- ✗ 1. 25 m/min
- ✗ 2. 35 m/min
- ✓ 3. $\frac{110}{3}$ m/min
- ✗ 4. $\frac{70}{3}$ m/min

Question ID : **7518975673**
Option 1 ID : **75189722692**
Option 2 ID : **75189722691**
Option 3 ID : **75189722689**
Option 4 ID : **75189722690**
Status : **Answered**
Chosen Option : **3**

Q.32 Panchayati Raj Institutions in India have been established following the _____ of the Constitution Of India.

Ans
- ✗ 1. 42nd Amendment Act
- ✗ 2. 57th Amendment Act
- ✓ 3. 73rd Amendment Act
- ✗ 4. 86th Amendment Act

Question ID : **7518974305**
Option 1 ID : **75189717217**
Option 2 ID : **75189717218**
Option 3 ID : **75189717219**
Option 4 ID : **75189717220**
Status : **Answered**
Chosen Option : **3**

Q.33 Sohan Singh Bhakna was the first president of the _____ founded by Indians in the United States of America in 1913.

Ans

✗ 1. Swatantra Party

✔ 2. Ghadar Party

✗ 3. Swaraj Party

✗ 4. India Revolutionary party

Question ID : **7518974170**
Option 1 ID : **75189716679**
Option 2 ID : **75189716678**
Option 3 ID : **75189716677**
Option 4 ID : **75189716680**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.34 If θ is an acute angle, find the denominator A, when

$$(cosec\ \theta - cot\ \theta)^2 = \frac{1 - cos\ \theta}{A}$$

Ans

✗ 1. $1 + sin\ \theta$

✗ 2. $cosec\ \theta - 1$

✔ 3. $1 + cos\ \theta$

✗ 4. $cot\ \theta$

Question ID : **7518975782**
Option 1 ID : **75189723126**
Option 2 ID : **75189723128**
Option 3 ID : **75189723125**
Option 4 ID : **75189723127**
Status : **Answered**
Chosen Option : **3**

Q.35 Aruna has a younger sister whose age is 8 years less than that of Aruna. If Aruna's sister's age is 18 years, then Aruna's age is:

Ans

✗ 1. 28 years

✔ 2. 26 years

✗ 3. 10 years

✗ 4. 24 years

Question ID : **7518975930**
Option 1 ID : **75189723717**
Option 2 ID : **75189723719**
Option 3 ID : **75189723720**
Option 4 ID : **75189723718**
Status : **Answered**
Chosen Option : **2**

Q.36 Gayatri starts walking from her home and goes 100 m towards the south direction. She then turns right and walks 120 m. She then turns right and walks 100 m. She finally turns right again and walks 180 m. How far is she now from the starting point? (All turns are 90 degree turns only)

Ans

  ✗ 1. 100 m

  ✗ 2. 50 m

  ✗ 3. 90 m

  ✓ 4. 60 m

Question ID : **7518975260**
Option 1 ID : **75189721037**
Option 2 ID : **75189721038**
Option 3 ID : **75189721040**
Option 4 ID : **75189721039**
Status : **Answered**
Chosen Option : **4**

Q.37 A cuboid of dimensions 18.5 cm × 12. 5 cm × 10 cm needs to be painted all over. Find the area to be painted.

Ans

  ✗ 1. 1198 cm^2

  ✗ 2. 1157.5 cm^2

  ✗ 3. 984.56 cm^2

  ✓ 4. 1082.5 cm^2

Question ID : **7518975761**
Option 1 ID : **75189723044**
Option 2 ID : **75189723041**
Option 3 ID : **75189723042**
Option 4 ID : **75189723043**
Status : **Answered**
Chosen Option : **3**

Q.38 How many participants from India won the gold medal in the 14th International Olympiad on Astronomy and Astrophysics (IOAA) 2021?

Ans

  ✗ 1. 5

  ✗ 2. 3

  ✓ 3. 4

  ✗ 4. 6

Question ID : **7518973956**
Option 1 ID : **75189715823**
Option 2 ID : **75189715821**
Option 3 ID : **75189715822**
Option 4 ID : **75189715824**
Status : **Answered**
Chosen Option : **3**

Q.39 Venkat brought a second-hand scooter and spent 10% of the cost on its repairs. He sold the scooter for a profit of ₹2,200. How much did he spend on repairs if he made a profit of 20%?

Ans

✗ 1. ₹1,200

✗ 2. ₹750

✔ 3. ₹1,000

✗ 4. ₹400

Question ID : **7518976077**
Option 1 ID : **75189724307**
Option 2 ID : **75189724306**
Option 3 ID : **75189724308**
Option 4 ID : **75189724305**
Status : **Answered**
Chosen Option : **4**

Q.40 In Newlands Octaves, the properties of which two elements were found to be the same?
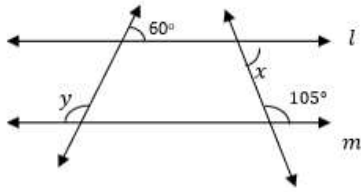
Ans

✔ 1. Li, Na

✗ 2. Na, Mg

✗ 3. H, Th

✗ 4. Ca, Cl

Question ID : **7518973705**
Option 1 ID : **75189714817**
Option 2 ID : **75189714819**
Option 3 ID : **75189714818**
Option 4 ID : **75189714820**
Status : **Answered**
Chosen Option : **3**

Q.41

Which day of the calendar year is acknowledged as the 'Rare Disease Day'?

Ans

✗ 1. 08 February

✗ 2. 18 February

✗ 3. 28 March

✔ 4. 28 February

Question ID : **7518973777**
Option 1 ID : **75189715105**
Option 2 ID : **75189715106**
Option 3 ID : **75189715108**
Option 4 ID : **75189715107**
Status : **Answered**
Chosen Option : **4**

Q.42 In the adjoining figure line l is parallel to m. What is the value of $2x + y$?

Ans

✗ 1. 320°

✔ 2. 270°

✗ 3. 150°

✗ 4. 225°

Question ID : **7518976373**
Option 1 ID : **75189725492**
Option 2 ID : **75189725489**
Option 3 ID : **75189725491**
Option 4 ID : **75189725490**
Status : **Answered**
Chosen Option : **2**

Q.43 As of July 2022, under the Pradhan Mantri Shram Yogi Maan-Dhan Yojana (PM-SYM) (Old Age Protection), what percentage of monthly contribution is payable by the beneficiary?

Ans

✔ 1. 50%

✗ 2. 25%

✗ 3. 40%

✗ 4. 30%

Question ID : **7518976555**
Option 1 ID : **75189726220**
Option 2 ID : **75189726217**
Option 3 ID : **75189726219**
Option 4 ID : **75189726218**
Status : **Marked For Review**
Chosen Option : **3**

Q.44 Which of the following numbers will replace the question mark (?) in the given series?

3, 7, 13, 21, 31, ?

Ans ✗ 1. 44

✗ 2. 41

✗ 3. 42

✓ 4. 43

Question ID : **7518974858**
Option 1 ID : **75189719432**
Option 2 ID : **75189719429**
Option 3 ID : **75189719430**
Option 4 ID : **75189719431**
Status : **Answered**
Chosen Option : **2**

Q.45 What will come in place of the question mark (?) in the following equation, if '−' is interchanged with '×' and '+' is interchanged with '÷'?

$6 \div 16 \times 4 \div 9 - 8 + 2 \times 7 = ?$

Ans ✓ 1. 47

✗ 2. −11

✗ 3. 43

✗ 4. 38

Question ID : **7518974885**
Option 1 ID : **75189719539**
Option 2 ID : **75189719540**
Option 3 ID : **75189719537**
Option 4 ID : **75189719538**
Status : **Answered**
Chosen Option : **1**

Q.46 The balanced reaction for following chemical reaction is:

Barium sulphate + Aluminium chloride → Barium chloride + Aluminium sulphate

Ans ✗ 1. $2\,BaSO_4 + 2\,AlCl_3 \rightarrow 2\,BaCl_2 + Al_2(SO_4)_3$

✗ 2. $BaSO_4 + AlCl_3 \rightarrow BaCl_2 + Al_2(SO_4)_3$

✗ 3. $BaSO_4 + AlCl_2 \rightarrow BaCl_2 + AlSO_4$

✓ 4. $3\,BaSO_4 + 2\,AlCl_3 \rightarrow 3\,BaCl_2 + Al_2(SO_4)_3$

Question ID : **7518973570**
Option 1 ID : **75189714279**
Option 2 ID : **75189714277**
Option 3 ID : **75189714280**
Option 4 ID : **75189714278**
Status : **Answered**
Chosen Option : **2**

Q.47 In a certain code language, PRECIOUS is written as KIVXRLFH and CLEAR is written as XOVZI. How will DIRTYING be written in the same language?

Ans
✗ 1. WHSGBRMT
✗ 2. WRIFBRMS
✓ 3. WRIGBRMT
✗ 4. VRIGBROT

Question ID : **7518975246**
Option 1 ID : **75189720984**
Option 2 ID : **75189720982**
Option 3 ID : **75189720981**
Option 4 ID : **75189720983**
Status : **Answered**
Chosen Option : **3**

Q.48 The bluish colour of water in deep sea is due to:

Ans
✗ 1. reflection of light
✗ 2. refraction of light
✓ 3. scattering of light
✗ 4. dispersion of light

Question ID : **7518975440**
Option 1 ID : **75189721758**
Option 2 ID : **75189721759**
Option 3 ID : **75189721757**
Option 4 ID : **75189721760**
Status : **Answered**
Chosen Option : **2**

Q.49 Which of the following features says that people of India have a direct role in electing their representatives?

Ans
✗ 1. Fundamental Rights
✗ 2. Separation of Powers
✗ 3. Secularism
✓ 4. Parliamentary Form of Government

Question ID : **7518974093**
Option 1 ID : **75189716372**
Option 2 ID : **75189716370**
Option 3 ID : **75189716371**
Option 4 ID : **75189716369**
Status : **Answered**
Chosen Option : **4**

Q.50 Find the number of 2-digit numbers divisible by both 2 and 4.

Ans
✗ 1. 12
✗ 2. 42
✓ 3. 22
✗ 4. 32

Question ID : **7518975579**
Option 1 ID : **75189722315**
Option 2 ID : **75189722316**
Option 3 ID : **75189722314**
Option 4 ID : **75189722313**
Status : **Answered**
Chosen Option : **1**

Q.51 In which year was Steel Authority of India incorporated?

Ans
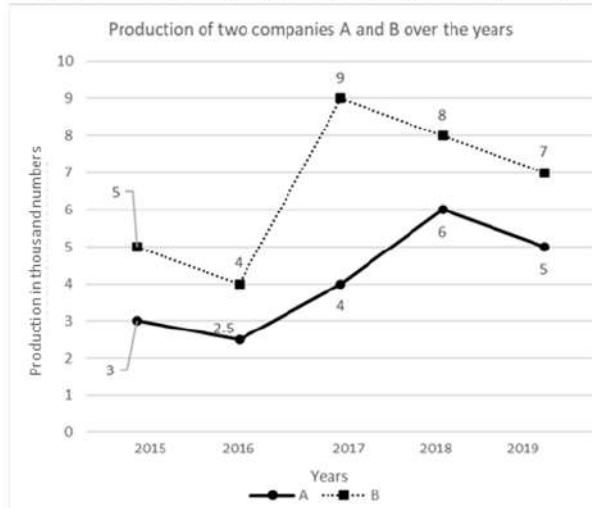✓ 1. 1973
✗ 2. 1982
✗ 3. 1987
✗ 4. 1979

Question ID : **7518974065**
Option 1 ID : **75189716257**
Option 2 ID : **75189716259**
Option 3 ID : **75189716260**
Option 4 ID : **75189716258**
Status : **Not Answered**
Chosen Option : **--**

Q.52 The present ages of Shanthi and Keerthi are in the ratio of 7 : 3. After 5 years, Shanthi's age will be 40. How old will Keerthi be after 5 years?

Ans
✗ 1. 10 years
✗ 2. 30 years
✓ 3. 20 years
✗ 4. 15 years

Question ID : **7518975932**
Option 1 ID : **75189723726**
Option 2 ID : **75189723728**
Option 3 ID : **75189723727**
Option 4 ID : **75189723725**
Status : **Answered**
Chosen Option : **3**

Q.53 Study the following graph carefully and answer the question.

Production of two companies A and B over the years

For company A, what is the approximate percentage decrease in production from 2015 to 2016?

Ans
✗ 1. 15%

✗ 2. 22%

✗ 3. 25%

✔ 4. 20%

Question ID : **7518975117**
Option 1 ID : **75189720467**
Option 2 ID : **75189720468**
Option 3 ID : **75189720465**
Option 4 ID : **75189720466**
Status : **Answered**
Chosen Option : **1**

Q.54 Study the given letter, symbol series and answer the question that follows.

L @ S * J ^ B U # W R < E @ N S # B * H ! A & L < W Q

How many symbols are immediately followed by a consonant and immediately preceded by a vowel?

Ans
✗ 1. 4

✗ 2. 2

✔ 3. 3

✗ 4. 1

Question ID : **7518974807**
Option 1 ID : **75189719228**
Option 2 ID : **75189719226**
Option 3 ID : **75189719227**
Option 4 ID : **75189719225**
Status : **Answered**
Chosen Option : **3**

Q.55 The 'Mango Showers' phenomena in India is related to which season?

Ans ✔ 1. Summer

✘ 2. Rainy

✘ 3. Winter

✘ 4. Autumn

Question ID : **7518976490**
Option 1 ID : **75189725958**
Option 2 ID : **75189725960**
Option 3 ID : **75189725959**
Option 4 ID : **75189725957**
Status : **Answered**
Chosen Option : **1**

Q.56

Gosikhurd National Irrigation Project is related to which of the following states?

Ans

✘ 1. Uttar Pradesh

✘ 2. West Bengal

✔ 3. Maharashtra

✘ 4. Punjab

Question ID : **7518973898**
Option 1 ID : **75189715590**
Option 2 ID : **75189715589**
Option 3 ID : **75189715591**
Option 4 ID : **75189715592**
Status : **Answered**
Chosen Option : **4**

Q.57 What is the need to balance chemical equations?

Ans ✗ 1.
To indicate the ratio of volumes of reactants and products in which these react.

✓ 2. To satisfy the law of conservation of mass.

✗ 3. To satisfy the law of constant proportions.

✗ 4.
To indicate the ratio of masses of reactants and products in which these react.

Question ID : **7518973414**
Option 1 ID : **75189713655**
Option 2 ID : **75189713656**
Option 3 ID : **75189713654**
Option 4 ID : **75189713653**
Status : **Answered**
Chosen Option : **1**

Q.58 A white precipitate will be formed if we add ammonia solution to:

Ans ✗ 1. $Mg(NO_3)_2$ solution

✗ 2. $Ba(NO_3)_2$ solution

✓ 3. $AlCl_3$ solution

✗ 4. KNO_3 solution

Question ID : **7518973599**
Option 1 ID : **75189714396**
Option 2 ID : **75189714393**
Option 3 ID : **75189714394**
Option 4 ID : **75189714395**
Status : **Not Answered**
Chosen Option : **--**

Q.59 Which of the following substances are selectively reabsorbed from the initial filtrate by the tubular portion of the nephron in human kidney?

Ans ✗ 1. Glucose, water, amino acids and proteins

✗ 2. Salts, glucose, fats and water

✓ 3. Glucose, water, salts and amino acids

✗ 4. Water, glucose, salts and proteins

Question ID : **7518974608**
Option 1 ID : **75189718429**
Option 2 ID : **75189718431**
Option 3 ID : **75189718430**
Option 4 ID : **75189718432**
Status : **Answered**
Chosen Option : **3**

Q.60 In this question, a statement is followed by two conclusions. Which of the two conclusions is/are true with respect to the statement?

Statement: $T > G < E > F = B \leq Z$

Conclusions:

I. $F = Z$

II. $E > B$

Ans ✗ 1. Both conclusions I and II are true

✗ 2. Neither conclusion I nor II is true

✔ 3. Only conclusion II is true

✗ 4. Only conclusion I is true

Question ID : **7518974956**
Option 1 ID : **75189719823**
Option 2 ID : **75189719824**
Option 3 ID : **75189719822**
Option 4 ID : **75189719821**
Status : **Answered**
Chosen Option : **3**

Q.61 In a certain code language, TRY is written as 63 and NOT is written as 49. How will DUG be written in the same language?

Ans ✗ 1. 30

✗ 2. 40

✗ 3. 36

✔ 4. 32

Question ID : **7518975244**
Option 1 ID : **75189720973**
Option 2 ID : **75189720976**
Option 3 ID : **75189720975**
Option 4 ID : **75189720974**
Status : **Answered**
Chosen Option : **4**

Q.62 On which day is a major national festival celebrated every year to commemorate the enactment of the Constitution of India, which declared India to be a sovereign, democratic and republic state?

Ans ✔ 1. 26th January

✗ 2. 15th August

✗ 3. 23rd March

✗ 4. 2nd October

Question ID : **7518973999**
Option 1 ID : **75189715993**
Option 2 ID : **75189715995**
Option 3 ID : **75189715994**
Option 4 ID : **75189715996**
Status : **Answered**
Chosen Option : **1**

Q.63 Which of the following is not the use of bleaching powder?

    (i)   to make drinking water free from germs

    (ii)   in soda-acid fire extinguishers

    (iii)   as an oxidising agent in many chemical industries

    (iv)   for baking cakes

Ans ✗ 1. ii

    ✗ 2. iii

    ✓ 3. iv

    ✗ 4. i

Question ID : **7518973648**
Option 1 ID : **75189714592**
Option 2 ID : **75189714590**
Option 3 ID : **75189714591**
Option 4 ID : **75189714589**
Status : **Answered**
Chosen Option : **3**

Q.64 Soil degradation is one of the major environmental problems being faced these days. A wide range of techniques to conserve soil are mentioned below. Select the INCORRECT option.

Ans ✗ 1. Crop rotation

    ✗ 2. Planting trees

    ✗ 3. Terrace farming

    ✓ 4. Overgrazing

Question ID : **7518974663**
Option 1 ID : **75189718649**
Option 2 ID : **75189718651**
Option 3 ID : **75189718652**
Option 4 ID : **75189718650**
Status : **Answered**
Chosen Option : **4**

Q.65 If the sum of the roots of the quadratic equation $5x^2 + bx + 4 = 0$ is 9, then find the value of b.

Ans ✗ 1. -25

✔ 2. -45

✗ 3. 0

✗ 4. 20

Question ID : **7518976174**
Option 1 ID : **75189724694**
Option 2 ID : **75189724695**
Option 3 ID : **75189724696**
Option 4 ID : **75189724693**
Status : **Answered**
Chosen Option : **4**

Q.66 A contraceptive technique that increases phagocytosis of sperms within the uterus is:

Ans ✗ 1. use of oral contraceptives

✗ 2. use of condoms

✗ 3. surgery

✔ 4. use of copper T

Question ID : **7518974419**
Option 1 ID : **75189717675**
Option 2 ID : **75189717673**
Option 3 ID : **75189717676**
Option 4 ID : **75189717674**
Status : **Answered**
Chosen Option : **1**

Q.67 The resistivity of a material is dependent on which of the following factors?

Ans ✔ 1. Temperature

✗ 2. Length

✗ 3. Resistance

✗ 4. Area of cross section

Question ID : **7518975462**
Option 1 ID : **75189721845**
Option 2 ID : **75189721846**
Option 3 ID : **75189721848**
Option 4 ID : **75189721847**
Status : **Answered**
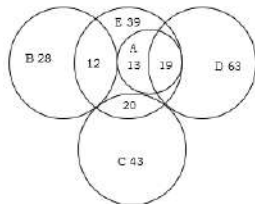Chosen Option : **4**

Q.68 A convex mirror used as a rear-view mirror of a car has a focal length of 2 m. If a bus is located at a distance of 3 m from the mirror, where will its image be formed?

Ans

✔ 1. 1.2 m behind the mirror

✘ 2. 0.83 m in front of the mirror

✘ 3. 1.2 m in front of the mirror

✘ 4. 0.83 m behind the mirror

Question ID : **7518975384**
Option 1 ID : **75189721533**
Option 2 ID : **75189721535**
Option 3 ID : **75189721534**
Option 4 ID : **75189721536**
Status : **Not Answered**
Chosen Option : **--**

Q.69 Study the diagram and answer the question that follows. A = Academicians, E = Teachers, D = Women, B = Men and C = Doctors. The numbers inside the shapes indicate number of the respective persons. What is the sum total number of the following:

i)women academicians who are teachers

ii)teachers who are doctors and

iii)men who are NEITHER teachers NOR academicians?

Ans

✘ 1. 64

✘ 2. 41

✘ 3. 63

✔ 4. 67

Question ID : **7518974759**
Option 1 ID : **75189719035**
Option 2 ID : **75189719034**
Option 3 ID : **75189719036**
Option 4 ID : **75189719033**
Status : **Answered**
Chosen Option : **4**

Q.70 Guard cells are involved in the process of _____.

Ans ✗ 1. transport of food

✗ 2. tropic movements

✗ 3. circulation

✓ 4. transpiration

Question ID : **7518974344**
Option 1 ID : **75189717376**
Option 2 ID : **75189717375**
Option 3 ID : **75189717373**
Option 4 ID : **75189717374**
Status : **Answered**
Chosen Option : **2**

Q.71 Which of the following rules is used to determine the direction of induced current due to the motion of coil at right angle to the magnetic field?

Ans ✓ 1. Fleming's right-hand rule

✗ 2. Maxwell's corkscrew rule

✗ 3. Right-hand thumb rule

✗ 4. Fleming's left-hand rule

Question ID : **7518975545**
Option 1 ID : **75189722178**
Option 2 ID : **75189722180**
Option 3 ID : **75189722179**
Option 4 ID : **75189722177**
Status : **Not Answered**
Chosen Option : **--**

Q.72 A man travels 80 km in three hours. He further travels for two more hours. Find the distance travelled in the latter two hours, if his average speed for the entire journey is 30 km/h.

Ans ✓ 1. 70 km

✗ 2. 150 km

✗ 3. 120 km

✗ 4. 90 km

Question ID : **7518976112**
Option 1 ID : **75189724448**
Option 2 ID : **75189724445**
Option 3 ID : **75189724446**
Option 4 ID : **75189724447**
Status : **Answered**
Chosen Option : **1**

Q.73 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.

8 : 14 :: 12 : 22 :: 21 : ?

Ans
✓ 1. 40
✗ 2. 18
✗ 3. 42
✗ 4. 26

Question ID : **7518974861**
Option 1 ID : **75189719441**
Option 2 ID : **75189719444**
Option 3 ID : **75189719443**
Option 4 ID : **75189719442**
Status : **Answered**
Chosen Option : **1**

Q.74

In March 2022, which bank did RBI direct to stop onboarding new customers?

Ans
✗ 1. AU Small Finance Bank

✗ 2. Airtel Payment Bank

✗ 3. Ujjiwan Small Finance Bank

✓ 4. Paytm Payments Bank

Question ID : **7518973851**
Option 1 ID : **75189715403**
Option 2 ID : **75189715401**
Option 3 ID : **75189715404**
Option 4 ID : **75189715402**
Status : **Answered**
Chosen Option : **3**

Q.75 A shopkeeper sold a book at a loss of 14%. If the selling price had been increased by ₹100, there would have been a gain of 6%. What was the cost price of the book?

Ans ✗ 1. ₹650

✓ 2. ₹500

✗ 3. ₹970

✗ 4. ₹450

Question ID : **7518975621**
Option 1 ID : **75189722481**
Option 2 ID : **75189722483**
Option 3 ID : **75189722482**
Option 4 ID : **75189722484**
Status : **Answered**
Chosen Option : **2**

Q.76 Which of the following numbers will replace the question mark (?) in the given series?

14, 14, 17, 85, 92,?

Ans ✗ 1. 924

✓ 2. 828

✗ 3. 418

✗ 4. 628

Question ID : **7518975291**
Option 1 ID : **75189721164**
Option 2 ID : **75189721163**
Option 3 ID : **75189721161**
Option 4 ID : **75189721162**
Status : **Answered**
Chosen Option : **2**

Q.77 If $5 + x, 2x + 7, \ 6x + 9,$ and y are in proportion when $x = 2,$ find the value of y.

Ans ✓ 1. 33

✗ 2. 28

✗ 3. 42

✗ 4. 45

Question ID : **7518976270**
Option 1 ID : **75189725079**
Option 2 ID : **75189725077**
Option 3 ID : **75189725078**
Option 4 ID : **75189725080**
Status : **Answered**
Chosen Option : **1**

Q.78 If '+' means '−', '−' means '+', '÷' means '×' and '×' means '+', what will come in place of the question mark (?) in the following equation?

$25 \times 35 - 5 \div 7 + 2 = ?$

Ans ✗ 1. 19

✗ 2. 14

✗ 3. 16

✓ 4. 18

Question ID : **7518975320**
Option 1 ID : **75189721280**
Option 2 ID : **75189721277**
Option 3 ID : **75189721278**
Option 4 ID : **75189721279**
Status : **Answered**
Chosen Option : **4**

Q.79 V, W, X, Y, Z and A are six singers who have their concerts in different days of the same month, viz. 12th, 14th, 16th, 21st, 25th and 31st of July.

W has his concert on one of the days before X, but not on 21st. V has his concert on 14th. Only A has his concert after X. Y has his concert before V. Who has the concert on 21st of July?

Ans ✓ 1. Z

✗ 2. A

✗ 3. Y

✗ 4. X

Question ID : **7518974915**
Option 1 ID : **75189719660**
Option 2 ID : **75189719658**
Option 3 ID : **75189719657**
Option 4 ID : **75189719659**
Status : **Answered**
Chosen Option : **4**

Q.80 Which of the following has the maximum non-metallic characters in group 16 elements?

Ans ✗ 1. Po

✗ 2. Se

✗ 3. S

✓ 4. O

Question ID : **7518973533**
Option 1 ID : **75189714129**
Option 2 ID : **75189714130**
Option 3 ID : **75189714132**
Option 4 ID : **75189714131**
Status : **Not Answered**
Chosen Option : **--**

Q.81 A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $G \geq P > T \geq S > K = N < D$

Ans

✗ 1. $P > D$

✗ 2. $G \geq D$

✔ 3. $G > T$

✗ 4. $N > T$

Question ID : **7518975198**
Option 1 ID : **75189720790**
Option 2 ID : **75189720792**
Option 3 ID : **75189720789**
Option 4 ID : **75189720791**
Status : **Answered**
Chosen Option : **3**

Q.82 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

Statements:

1. All springs are brooks.

2. Some brooks are creeks.

3. No creek is tap.

Conclusions:

I. Some taps are creeks.

II. No spring is tap.

III. Some brooks are springs.

Ans

✗ 1. Only conclusion I follows.

✔ 2. Only conclusions III follows.

✗ 3. Only conclusions II and III follow.

✗ 4. Only conclusions I and II follow.

Question ID : **7518974747**
Option 1 ID : **75189718987**
Option 2 ID : **75189718988**
Option 3 ID : **75189718986**
Option 4 ID : **75189718985**
Status : **Answered**
Chosen Option : **2**

Q.83 Amit's son was born on 10 January 2012. On what day of the week was he born?

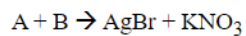Ans ✔ 1. Tuesday

✘ 2. Wednesday

✘ 3. Monday

✘ 4. Thursday

Question ID : **7518976418**
Option 1 ID : **75189725670**
Option 2 ID : **75189725671**
Option 3 ID : **75189725669**
Option 4 ID : **75189725672**
Status : **Answered**
Chosen Option : **4**

Q.84 The value of $0.1\overline{6} + 0.1\overline{5} - 0.1\overline{3}$ is:

Ans ✔ 1. $\dfrac{17}{90}$

✘ 2. $\dfrac{34}{45}$

✘ 3. $\dfrac{23}{63}$

✘ 4. $\dfrac{19}{99}$

Question ID : **7518976237**
Option 1 ID : **75189724948**
Option 2 ID : **75189724946**
Option 3 ID : **75189724945**
Option 4 ID : **75189724947**
Status : **Answered**
Chosen Option : **1**

Q.85 What will come in place of A and B, respectively, in the given double displacement reaction?

$A + B \rightarrow AgBr + KNO_3$

Ans ✘ 1. HBr and $NaOH$

✘ 2. Ag and HNO_3

✘ 3. HBr and $NaOH$

✔ 4. $AgNO_3$ and KBr

Question ID : **7518973442**
Option 1 ID : **75189713766**
Option 2 ID : **75189713765**
Option 3 ID : **75189713768**
Option 4 ID : **75189713767**
Status : **Not Answered**
Chosen Option : **--**

Q.86 Which of the following is NOT a direct tax in India?

Ans   ✗ 1. Income Tax

     ✗ 2. Corporate tax

     ✔ 3. Excise Tax

     ✗ 4. Capital Gain tax

Question ID : **7518974221**
Option 1 ID : **75189716882**
Option 2 ID : **75189716884**
Option 3 ID : **75189716881**
Option 4 ID : **75189716883**
Status : **Answered**
Chosen Option : **3**

Q.87

KK Venugopal, the 15th Attorney General of India, received the first extension in his tenure in which of the following years?

Ans

  ✗ 1. 2022

  ✗ 2. 2019

  ✔ 3. 2020

  ✗ 4. 2021

Question ID : **7518973928**
Option 1 ID : **75189715710**
Option 2 ID : **75189715712**
Option 3 ID : **75189715711**
Option 4 ID : **75189715709**
Status : **Answered**
Chosen Option : **2**

Q.88 If $a : b = 2 : 3$ and $b : c = 3 : 4$, then $a : b : c = ?$

Ans   ✗ 1. $3 : 4 : 2$

     ✗ 2. $2 : 4 : 3$

     ✔ 3. $2 : 3 : 4$

     ✗ 4. $3 : 2 : 4$

Question ID : **7518975834**
Option 1 ID : **75189723336**
Option 2 ID : **75189723334**
Option 3 ID : **75189723335**
Option 4 ID : **75189723333**
Status : **Answered**
Chosen Option : **3**

Q.89 Which of the following is an example of a human cell that has the ability to modify its shape?

Ans
- ✗ 1. RBC
- ✓ 2. WBC
- ✗ 3. Brain cell
- ✗ 4. Liver cells

Question ID : **7518974365**
Option 1 ID : **75189717460**
Option 2 ID : **75189717459**
Option 3 ID : **75189717457**
Option 4 ID : **75189717458**
Status : **Answered**
Chosen Option : **2**

Q.90 A ray of light is incident on an interface separating two media along the normal to the interface. The angle between the incident ray and refracted ray is equal to:

Ans
- ✗ 1. 90°
- ✓ 2. 0°
- ✗ 3. 45°
- ✗ 4. 30°

Question ID : **7518975396**
Option 1 ID : **75189721584**
Option 2 ID : **75189721581**
Option 3 ID : **75189721583**
Option 4 ID : **75189721582**
Status : **Answered**
Chosen Option : **4**

Q.91 Ram is 55 years old and Som is 25 years old. How many years ago was Ram three times as old as Som?

Ans
- ✗ 1. 7 years
- ✗ 2. 15 years
- ✗ 3. 5 years
- ✓ 4. 10 years

Question ID : **7518975719**
Option 1 ID : **75189722874**
Option 2 ID : **75189722876**
Option 3 ID : **75189722873**
Option 4 ID : **75189722875**
Status : **Answered**
Chosen Option : **4**

Q.92 X and Y can complete a piece of work in 8 days and 12 days, respectively. If they work on alternate days, with X working on the first day, how long will it take the duo to complete the same work?

Ans

✓ 1. $9\frac{1}{2}$ days

✗ 2. $9\frac{3}{5}$ days

✗ 3. $9\frac{2}{3}$ days

✗ 4. $9\frac{2}{5}$ days

Question ID : **7518975882**
Option 1 ID : **75189723526**
Option 2 ID : **75189723527**
Option 3 ID : **75189723525**
Option 4 ID : **75189723528**
Status : **Answered**
Chosen Option : **1**

Q.93 If $\dfrac{x}{y} = \dfrac{3}{2}$, then find $\dfrac{x^2 + y^2}{x^2 - y^2}$.

Ans

✗ 1. $\dfrac{9}{5}$

✗ 2. $\dfrac{11}{5}$

✓ 3. $\dfrac{13}{5}$

✗ 4. $\dfrac{7}{5}$

Question ID : **7518976018**
Option 1 ID : **75189724070**
Option 2 ID : **75189724071**
Option 3 ID : **75189724072**
Option 4 ID : **75189724069**
Status : **Answered**
Chosen Option : **3**

Q.94 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(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, 25, 6)

(3, 28, 9)

Ans ✔ 1. (7, 22, 3)

✗ 2. (14, 55, 4)

✗ 3. (3, 81, 6)

✗ 4. (12, 96, 8)

Question ID : **7518975089**
Option 1 ID : **75189720354**
Option 2 ID : **75189720355**
Option 3 ID : **75189720353**
Option 4 ID : **75189720356**
Status : **Answered**
Chosen Option : **1**

Q.95 Which of the following situations is/are possible?

(a) Magnetic field lines can be parallel to each other.

(b) Magnetic field lines can be concentric circles.

(c) Magnetic field lines can intersect each other.

Ans ✔ 1. Both (a) and (b)

✗ 2. Only (a)

✗ 3. Both (a) and (c)

✗ 4. Only (b)

Question ID : **7518975514**
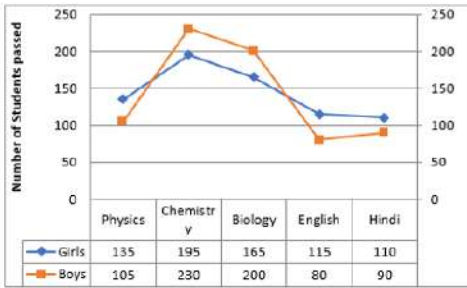Option 1 ID : **75189722055**
Option 2 ID : **75189722053**
Option 3 ID : **75189722056**
Option 4 ID : **75189722054**
Status : **Answered**
Chosen Option : **4**

Q.96 The graph and the table below show the number of boys and girls passed in five different subjects i.e. Physics, Chemistry, Biology, English and Hindi.

	Physics	Chemistry	Biology	English	Hindi
Girls	135	195	165	115	110
Boys	105	230	200	80	90

What is the ratio of the girls who have passed in Physics, Chemistry and Biology respectively?

Ans

✓ 1. $9 : 13 : 11$

✗ 2. $9 : 13 : 8$

✗ 3. $8 : 11 : 14$

✗ 4. $9 : 15 : 13$

Question ID : **7518975333**
Option 1 ID : **75189721329**
Option 2 ID : **75189721332**
Option 3 ID : **75189721331**
Option 4 ID : **75189721330**
Status : **Answered**
Chosen Option : **1**

Q.97

In February 2022, which state launched open-air classroom 'Paray Shikshalaya'?

Ans

✗ 1. Punjab

✓ 2. West Bengal

✗ 3. Kerala

✗ 4. Haryana

Question ID : **7518973784**
Option 1 ID : **75189715134**
Option 2 ID : **75189715135**
Option 3 ID : **75189715136**
Option 4 ID : **75189715133**
Status : **Answered**
Chosen Option : **3**

Q.98 Refer to the following letter series and answer the question.

(Left) T Y A N E C M K E W A F H E Q A P M N B E D H E K U W S D A N M A W E (Right)

How many such consonants are there in the series which are immediately preceded by a vowel and also immediately followed by a vowel?

Ans ✔ 1. Five

✘ 2. Four

✘ 3. Three

✘ 4. Six

Question ID : **7518975229**
Option 1 ID : **75189720915**
Option 2 ID : **75189720914**
Option 3 ID : **75189720913**
Option 4 ID : **75189720916**
Status : **Answered**
Chosen Option : **1**

Q.99 Which of the following is the prominent language spoken by 8.03% population of India as per 2011 census?

Ans ✘ 1. Gujarati

✔ 2. Bengali

✘ 3. Marathi

✘ 4. Punjabi

Question ID : **7518974010**
Option 1 ID : **75189716038**
Option 2 ID : **75189716040**
Option 3 ID : **75189716039**
Option 4 ID : **75189716037**
Status : **Answered**
Chosen Option : **4**

Q.100 Three statements are followed by four conclusions numbered I, II, III and IV. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statements.

Statements:

1. Some carnations are petunias.

2. All petunias are sunflowers.

3. Some sunflowers are not carnations.

Conclusions:

I.   Some sunflowers are carnations.

II.   All carnations are sunflowers.

III.   All petunias are carnations.

IV.   No sunflower is carnation.

Ans ✗ 1. Only conclusions II and III follow.

✗ 2. Only conclusion IV follows.

✓ 3. Only conclusions I follows

✗ 4. Only conclusions I and IV follow.

Question ID : **7518974744**
Option 1 ID : **75189718974**
Option 2 ID : **75189718976**
Option 3 ID : **75189718973**
Option 4 ID : **75189718975**
Status : **Answered**
Chosen Option : **3**

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