

# भारतीय विमानपत्तन प्राधिकरण

(अनुसूची – 'ए' मिनी रत्न - श्रेणी 1-सार्वजनिक क्षेत्र का उद्यम)

## **AIRPORTS AUTHORITY OF INDIA**

(SCHEDULE – 'A' MINI RATNA- CATEGORY- 1 PUBLIC SECTOR ENTERPRISE) राजीव गांधी भवन, सफदरजंग हवाईअड्डा, नई दिल्ली- 110003 RAJIV GANDHI BHAWAN, SAFDARJUNG AIRPORT, NEW DELHI-110003

### RECRUITMENT FOR VARIOUS POSTS IN OFFICIAL LANGUAGE AND AIR TRAFFIC CONTROL

#### ADVERTISEMENT No. 08/2022

| Participant ID   | ]                                      |
|------------------|--|
| Participant Name | iON Digital Zone iDZ 2 Mathura Road    |
| Test Center Name | ]                                      |
| Test Date        | 21/02/2023                             |
| Test Time        | 8:30 AM - 10:30 AM                     |
| Subject          | Junior Executive (Air Traffic Control) |

#### Section : General Knowledge

|   | X 3. It is located in Rajasthan along the dried-up bed of the river Ghaggar. |  |
|---|--|--|
| X 4. It is located on the bank of the river Ravi in Western Punjab. |  |  |
|   |  | Question ID : 630680163369             |
|   |  | Status : Answered<br>Chosen Ontion : 1 |
|   |  |  |
|   |  |  |
|   | <ul> <li>3. Karnataka</li> <li>4. Kerala</li> </ul>                          |  |
|   | <ul> <li>3. Karnataka</li> <li>4. Kerala</li> </ul>                          | Question ID : 630680163371             |

| s                        | ▲ 1.1917   |   |  |
|--------------------------|--|---|--|
|                          | <b>X</b> 2. 1929   |   |  |
|                          | ✓ 3. 1919  |   |  |
|                          | <b>★</b> 4. 1931   |   |  |
|                          |  |   |  |
|                          |  | Question ID : 630680163368  |  |
|                          |  | Chosen Option : 2   |  |
|                          |  |   |  |
| Q.4                      | Liver fluke belongs to phylum  |   |  |
| Ans                      | X 1. Aschelminthes   |   |  |
|                          | 2. Platyhelminthes   |   |  |
|                          | 🗙 3. Annelida  |   |  |
|                          | 🗙 4. Cnidarian   |   |  |
|                          |  |   |  |
|                          |  | Question ID : 630680163373<br>Status : Answered   |  |
|                          |  | Chosen Option : 3   |  |
|                          |  |   |  |
|                          |  |   |  |
| Q.5                      | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 1?  |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna<br>1. 2011   | 1?  |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna<br>1.2011<br>2.2010  | 1?  |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 3?  |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 1?  |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna<br>★ 1.2011<br>★ 2.2010<br>★ 3.2014<br>★ 4.2016                                    |   |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna ★ 1.2011 ★ 2.2010 ★ 3.2014 ★ 4.2016  | Question ID : 630680163375<br>Status : Answered   |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 2?<br>Question ID : 630680163375<br>Status : Answered<br>Chosen Option : 3  |  |
| Q.5<br>Ans               | In which year was Sachin Tendulkar awarded the Bharat Ratna <ul> <li>▲ 1.2011</li> <li>▲ 2.2010</li> <li>▲ 3.2014</li> <li>▲ 4.2016</li> </ul> | 2?<br>Question ID : <b>630680163375</b><br>Status : <b>Answered</b><br>Chosen Option : <b>3</b>   |  |
| Q.5<br>Ans<br>Q.6        | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 2<br>Question ID : 630680163375<br>Status : Answered<br>Chosen Option : 3<br>Public on various social issues  |  |
| Q.5<br>Ans<br>Q.6<br>Ans | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 2?<br>Question ID : <b>630680163375</b><br>Status : <b>Answered</b><br>Chosen Option : <b>3</b>   |  |
| Q.5<br>Ans<br>Q.6<br>Ans | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 2?<br>Question ID : 630680163375<br>Status : Answered<br>Chosen Option : 3  |  |
| Q.5<br>Ans<br>Q.6<br>Ans | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 2?<br>Question ID : 630680163375<br>Status : Answered<br>Chosen Option : 3  |  |
| Q.5<br>Ans<br>Q.6<br>Ans | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 2?<br>Question ID : 630680163375<br>Status : Answered<br>Chosen Option : 3  |  |
| Q.5<br>Ans<br>Q.6<br>Ans | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 2?<br>Question ID : 630680163375<br>Status : Answered<br>Chosen Option : 3  |  |
| Q.5<br>Ans<br>Q.6<br>Ans | In which year was Sachin Tendulkar awarded the Bharat Ratna  | t?<br>Question ID : <b>630680163375</b><br>Status : <b>Answered</b><br>Chosen Option : <b>3</b><br>public on various social issues<br>Question ID : <b>630680163367</b> |  |
| Q.5<br>Ans<br>Q.6<br>Ans | In which year was Sachin Tendulkar awarded the Bharat Ratna  | 1?<br>Question ID : 630680163375<br>Status : Answered<br>Chosen Option : 3<br>public on various social issues   |  |

| Q.7 | The licence of which of the following banks of Maharashtr<br>India (RBI) in September 2022? | a was cancelled by The Reserve Ba | nk of   |  |
|-----|---|-----------------------------------|---|--|
| Ans | X 1. Corporation Bank, Pune   |                                   |   |  |
|     | 2. Laxmi Co-operative Bank Limited, Solapur   |                                   |   |  |
|     | X 3. Bank of Maharashtra, Beed  |                                   |   |  |
|     | X 4. SVC Co-Operative Bank Limited, Pune  |                                   |   |  |
|     |   |                                   | Question ID : 630680163370<br>Status : Answered<br>Chosen Option : 4                      |  |
| Q.8 | In which year was Judo Federation of India formed?  |                                   |   |  |
| ns  | <ul> <li>▲ 1.1975</li> <li>▲ 2.1060</li> </ul>  |                                   |   |  |
|     | <ul> <li>2. 1969</li> <li>2. 1970</li> </ul>  |                                   |   |  |
|     | 4 1065  |                                   |   |  |
|     | ▼ 4.1903  |                                   |   |  |
|     |   |                                   | Question ID : <b>630680163376</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b> |  |
| ).9 | Match the columns.  |                                   |   |  |
|     | Bird sanctuary  | Its location in India             | i   |  |
|     | I. Nal Sarovar Bird Sanctuary   | a) Tamil Nadu                     |   |  |
|     | II. Vedanthangal Bird Sanctuary   | b) Gujarat                        | _   |  |
|     | III. Ranganathittu Bird Sanctuary   | c) Kerala                         | _   |  |
|     | IV. Kumarakom Bird Sanctuary  | d) Karnataka                      |   |  |
| ns  | X 1. I-c, II-b, III-a, IV-d   |                                   |   |  |
|     | 🗙 2. I-d, II-c, III-b, IV-a   |                                   |   |  |
|     | ✔ 3. I-b, II-a, III-d, IV-c   |                                   |   |  |
|     | 🗙 4. I-a, II-c, III-b, IV-d   |                                   |   |  |
|     |   |                                   | Question ID : <b>630680163372</b><br>Status : <b>Answered</b><br>Chosen Option : <b>3</b> |  |

| 2.10               | The Constitution of District Planning Committee is mentioned in Article  | of the  |
|--------------------|--|---|
| Ans                | 1. 243ZD   |   |
|                    | × 2 2437B  |   |
|                    | × 3 2437C  |   |
|                    | X 4 2427A  |   |
|                    | ▲ 4. 243ZA   |   |
|                    |  | Question ID : 630680163374  |
|                    |  | Status : Answered   |
|                    |  | Chosen Option : 2   |
| ectior             | n : General Intelligence   |   |
| Q.1                | Which two numbers and signs should be interchanged to make the follow  | ing equation correct?   |
|                    | $14 \times 3 \div 6 - 12 + 13 = 8$   |   |
| Ans                | 1. 14 and 12, $\times$ and $\div$  |   |
|                    | 2. 12 and 14. × and -  |   |
|                    | 3 6 and 12 X and -   |   |
|                    | $4 12 \text{ and } 13 \pm \text{ and } -$  |   |
|                    | 4. 12 and 15, + and -  |   |
|                    |  |   |
|                    |  | Question ID : 630680163391  |
|                    |  | Question ID : 630680163391<br>Status : Answered   |
| Q.2                | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th<br>equal distances from one another. T and R were sitting exactly next to each o   | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>6. Who is stitue to   |
| Q.2                | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left o the immediate left of Q?  | Question ID : <b>630680163391</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b><br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to   |
| ).2                | P, Q, R, S, T and U were sitting around a circular table, facing the centre. The equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?  | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to  |
| ).2<br>MBS         | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th<br>equal distances from one another. T and R were sitting exactly next to each o<br>immediate right of U. Q was at the immediate left of T. R is third to the left o<br>the immediate left of Q?<br>1. T<br>2. S<br>3. R           | Question ID : <b>630680163391</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b><br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to   |
| ).2<br>Ans         | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th<br>equal distances from one another. T and R were sitting exactly next to each o<br>immediate right of U. Q was at the immediate left of T. R is third to the left o<br>the immediate left of Q?<br>1. T<br>2. S<br>3. R<br>4. 1 P | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to  |
| ).2<br>.ns         | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?   | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to  |
| ).2<br>NBS         | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th<br>equal distances from one another. T and R were sitting exactly next to each o<br>immediate right of U. Q was at the immediate left of T. R is third to the left o<br>the immediate left of Q?<br>1. T<br>2. S<br>3. R<br>4. P   | Question ID : <b>630680163391</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b><br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : <b>630680163377</b>  |
| ).2<br>NNS         | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th<br>equal distances from one another. T and R were sitting exactly next to each o<br>immediate right of U. Q was at the immediate left of T. R is third to the left o<br>the immediate left of Q?                                   | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : 630680163377<br>Status : Answered   |
| ).2<br>.ns         | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?   | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : 630680163377<br>Status : Answered<br>Chosen Option : 2  |
| ).2<br>ans         | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?   | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : 630680163377<br>Status : Answered<br>Chosen Option : 2<br>erent day of the week<br>the seminar exactly<br>minar<br>sday. Who will join  |
| ).2<br>IIIS<br>).3 | P, Q, R, S, T and U were sitting around a circular table, facing the centre. The equal distances from one another. T and R were sitting exactly next to each of immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?   | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : 630680163377<br>Status : Answered<br>Chosen Option : 2<br>rent day of the week<br>the seminar exactly<br>minar<br>sday. Who will join   |
| ).2<br>ns          | P, Q, R, S, T and U were sitting around a circular table, facing the centre. The equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?  | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : 630680163377<br>Status : Answered<br>Chosen Option : 2<br>rent day of the week<br>the seminar exactly<br>minar<br>sday. Who will join   |
| ).2<br>ns          | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?   | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : 630680163377<br>Status : Answered<br>Chosen Option : 2<br>rent day of the week<br>the seminar exactly<br>minar<br>sday. Who will join   |
| ).2<br>ns          | P, Q, R, S, T and U were sitting around a circular table, facing the centre. The equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?  | Question ID : 630680163391<br>Status : Answered<br>Chosen Option : 2<br>ey were sitting at<br>ther. P was at the<br>f S. Who is sitting to<br>Question ID : 630680163377<br>Status : Answered<br>Chosen Option : 2<br>rent day of the week<br>the seminar exactly<br>minar<br>sday. Who will join   |
| ).2<br>Ans<br>Q.3  | P, Q, R, S, T and U were sitting around a circular table, facing the centre. Th equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?   | Question ID : 630680163391         Status : Answered         Chosen Option : 2         ey were sitting at         ther. P was at the         fS. Who is sitting to         Question ID : 630680163377         Status : Answered         Chosen Option : 2         rent day of the week         the seminar exactly         minar         sday. Who will join         Ouestion ID : 630680163378                           |
| ).2<br>Ans<br>).3  | P, Q, R, S, T and U were sitting around a circular table, facing the centre. The equal distances from one another. T and R were sitting exactly next to each o immediate right of U. Q was at the immediate left of T. R is third to the left of the immediate left of Q?  | Question ID : 630680163391         Status : Answered         Chosen Option : 2         ey were sitting at         ther. P was at the         fS. Who is sitting to         Question ID : 630680163377         Status : Answered         Chosen Option : 2         rent day of the week         the seminar exactly         minar         sday. Who will join         Question ID : 630680163378         Status : Answered |

|            | <ul> <li>Select the term from among the given options that can replace the question mark (?) in the following series.</li> <li>A1Z, C3X, E9V, G14T, I98R, ?</li> </ul>   |   |  |
|------------|--|---|--|
|            |  |   |  |
| Ans        | × 1. K882P   |   |  |
|            | ✓ 2. K109P   |   |  |
|            | 🗙 3. К980Р   |   |  |
|            | 🗙 4. K108P   |   |  |
|            |  |   |  |
|            |  | Question ID : 630680163381  |  |
|            |  | Status : Answered<br>Chosen Ontion : 2  |  |
|            |  |   |  |
| Q.5        | Select the term from among the given options that can replace the ques following series.   | stion mark (?) in the   |  |
|            | E25, H27, J30, M32, O35, ?   |   |  |
| Ans        | ✔ 1. R37   |   |  |
|            | <b>★</b> 2. Q37  |   |  |
|            | 🗙 3. R38   |   |  |
|            | <b>X</b> 4. Q36  |   |  |
|            |  |   |  |
|            |  | Question ID : 630680163382  |  |
|            |  |   |  |
|            |  | Status : Answered   |  |
|            |  | Status : Answered<br>Chosen Option : 1  |  |
| Q.6        | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?                                 | Status : Answered<br>Chosen Option : 1<br>at one of the positions at the<br>R and T. Y sits fourth to the<br>g in the row, what is the total  |  |
| Q.6<br>Ans | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?<br>1.13                         | Status : Answered<br>Chosen Option : 1<br>at one of the positions at the<br>R and T. Y sits fourth to the<br>g in the row, what is the total  |  |
| Q.6<br>Ans | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?<br>1.13<br>2.14                 | Status : Answered<br>Chosen Option : 1<br>at one of the positions at the<br>R and T. Y sits fourth to the<br>g in the row, what is the total  |  |
| Q.6<br>Ans | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?<br>1.13<br>2.14<br>3.10         | Status : Answered<br>Chosen Option : 1<br>at one of the positions at the<br>R and T. Y sits fourth to the<br>g in the row, what is the total  |  |
| Q.6<br>Ans | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?<br>1.13<br>2.14<br>3.10<br>4.12 | Status : Answered<br>Chosen Option : 1<br>at one of the positions at the<br>R and T. Y sits fourth to the<br>; in the row, what is the total  |  |
| Q.6<br>Ans | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?<br>1.13<br>2.14<br>3.10<br>4.12 | Status : Answered<br>Chosen Option : 1<br>at one of the positions at the<br>R and T. Y sits fourth to the<br>g in the row, what is the total  |  |
| Q.6<br>Ans | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?<br>1.13<br>2.14<br>3.10<br>4.12 | Status : Answered         Chosen Option : 1         at one of the positions at the         R and T. Y sits fourth to the         ; in the row, what is the total         Question ID : 630680163379   |  |
| Q.6<br>Ans | A certain number of people are sitting in a row, facing north. R sits a right of G. P sits fourth to the left of Y. Only two people sit between I left of G. G sits at the immediate left of T. If no other person is sitting number of people seated?<br>1.13<br>2.14<br>3.10<br>4.12 | Status : Answered         Chosen Option : 1         at one of the positions at the         R and T. Y sits fourth to the         g in the row, what is the total         Question ID : 630680163379         Status : Answered         Chosen Option : 1 |  |

| Q.7                      | If   |   |
|--------------------------|--|---|
|                          |  |   |
|                          | 'M $\Omega$ R' means 'M is the sister of the husband of I  | ξ',   |
|                          | 'M © R' means 'M is the son of R',   |   |
|                          | 'M $\cong$ R' means 'M is the brother of R',   |   |
|                          | 'M = R' means 'M is the daughter-in-law of R',   |   |
|                          | how is A related to E in the following expression?   |   |
| Ans                      | $A \not\equiv B \Omega C = D \odot E$ $ \land 1. Daughter$ $ \land 2. Son-in-law$  |   |
|                          | 🗙 3. Son   |   |
|                          | ✔ 4. Child's son   |   |
|                          |  | Question ID : <b>630680163388</b><br>Status : <b>Answered</b><br>Chosen Option : <b>3</b>   |
|                          |  |   |
| 0.0                      |  |   |
| Q.8                      | Refer to the given number, symbol series and answer the question that follow   | s. (Left) 5   |
| Q.8                      | Refer to the given number, symbol series and answer the question that follow<br>6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right)  | s. (Left) 5   |
| Q.8                      | Refer to the given number, symbol series and answer the question that follow<br>6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right)<br>How many such symbols are there which are immediately preceded by a num<br>immediately followed by a number?  | s. (Left) 5<br>nber and also  |
| Q.8<br>Ans               | Refer to the given number, symbol series and answer the question that follow<br>6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right)<br>How many such symbols are there which are immediately preceded by a num<br>immediately followed by a number?  | s. (Left) 5   |
| Q.8<br>Ans               | Refer to the given number, symbol series and answer the question that follow<br>6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right)<br>How many such symbols are there which are immediately preceded by a num<br>immediately followed by a number?  | s. (Left) 5<br>nber and also  |
| Q.8<br>Ans               | <ul> <li>Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 &amp; % 2 &amp; 2 7 5 % 3 (Right)</li> <li>How many such symbols are there which are immediately preceded by a number?</li> <li>★ 1.1</li> <li>★ 2.4</li> <li>★ 3.2</li> </ul>   | s. (Left) 5<br>aber and also  |
| Q.8<br>Ans               | <ul> <li>Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 &amp; % 2 &amp; 2 7 5 % 3 (Right)</li> <li>How many such symbols are there which are immediately preceded by a numerimmediately followed by a number?</li> <li>1.1</li> <li>2.4</li> <li>3.2</li> <li>4.3</li> </ul>   | s. (Left) 5<br>nber and also  |
| Q.8<br>Ans               | <ul> <li>Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 &amp; % 2 &amp; 2 7 5 % 3 (Right)</li> <li>How many such symbols are there which are immediately preceded by a number?</li> <li>▲ 1.1</li> <li>▲ 2.4</li> <li>▲ 3.2</li> <li>▲ 4.3</li> </ul>  | s. (Left) 5<br>nber and also  |
| Q.8<br>Ans               | <ul> <li>Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 &amp; % 2 &amp; 2 7 5 % 3 (Right)</li> <li>How many such symbols are there which are immediately preceded by a number?</li> <li>▲ 1.1</li> <li>▲ 2.4</li> <li>▲ 3.2</li> <li>▲ 4.3</li> </ul>  | s. (Left) 5<br>nber and also<br>Question ID : 630680163383<br>Status : Answered   |
| Q.8<br>Ans               | <ul> <li>Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 &amp; % 2 &amp; 2 7 5 % 3 (Right)</li> <li>How many such symbols are there which are immediately preceded by a number?</li> <li>★ 1.1</li> <li>★ 2.4</li> <li>★ 3.2</li> <li>★ 4.3</li> </ul>  | s. (Left) 5<br>nber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2  |
| Q.8<br>Ans               | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right) How many such symbols are there which are immediately preceded by a numinmediately followed by a number? ★ 1.1 ★ 2.4 ★ 3.2 ★ 4.3 Select the correct combination of mathematical signs that can sequentially re and balance the given equation   | s. (Left) 5<br>aber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2<br>place the @ signs   |
| Q.8<br>Ans               | <ul> <li>Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 &amp; % 2 &amp; 2 7 5 % 3 (Right)</li> <li>How many such symbols are there which are immediately preceded by a number?</li> <li>▲ 1.1</li> <li>▲ 2.4</li> <li>▲ 3.2</li> <li>▲ 4.3</li> </ul> Select the correct combination of mathematical signs that can sequentially read balance the given equation.                                      | s. (Left) 5<br>nber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2  |
| Q.8<br>Ans<br>Q.9        | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right) How many such symbols are there which are immediately preceded by a number? ★ 1.1 ★ 2.4 ★ 3.2 ★ 4.3 Select the correct combination of mathematical signs that can sequentially read balance the given equation. 40 @ 8 @ 7 @ 7 @ 5 ★ 1.÷, ×, =,-  | s. (Left) 5<br>nber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2<br>place the @ signs   |
| Q.8<br>Ans<br>Q.9<br>Ans | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right) How many such symbols are there which are immediately preceded by a numinediately followed by a number? ★ 1.1 ★ 2.4 ★ 3.2 ★ 4.3 Select the correct combination of mathematical signs that can sequentially read balance the given equation. 40 @ 8 @ 7 @ 7 @ 5 ★ 1. ÷, ×, =, - ★ 2. ×, ÷, =, -                                | s. (Left) 5<br>nber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2  |
| Q.8<br>Ans<br>Q.9<br>Ans | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 275 % 3 (Right) How many such symbols are there which are immediately preceded by a numinamediately followed by a number? ★ 1.1 ★ 2.4 ★ 3.2 ★ 4.3 Select the correct combination of mathematical signs that can sequentially read balance the given equation. 40 @ 8 @ 7 @ 7 @ 5 ★ 1. ÷, ×, =, - ★ 2. ×, ÷, =, - ★ 3. ÷, ×, =, ×                | s. (Left) 5<br>aber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2<br>place the @ signs   |
| Q.8<br>Ans<br>Q.9<br>Ans | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 275 % 3 (Right) How many such symbols are there which are immediately preceded by a number? ★ 1.1 ★ 2.4 ★ 3.2 ★ 4.3 Select the correct combination of mathematical signs that can sequentially read balance the given equation. 40 @ 8 @ 7 @ 7 @ 5 ★ 1.÷, ×, =, - ★ 2.×, ÷, =, - ★ 3.÷, ×, =, × ★ 4.×, =, -, ÷                                  | s. (Left) 5<br>nber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2  |
| Q.8<br>Ans<br>Q.9<br>Ans | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right) How many such symbols are there which are immediately preceded by a numinamediately followed by a number? ▲ 1.1 ▲ 2.4 ▲ 3.2 ▲ 4.3 Select the correct combination of mathematical signs that can sequentially read balance the given equation. 40 @ 8 @ 7 @ 7 @ 5 ▲ 1. 1, ±, ×, =, ± ▲ 2. ×, ±, =, ± ▲ 4. ×, =, ±, ±           | s. (Left) 5<br>nber and also<br>Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2<br>place the @ signs   |
| Q.8<br>Ans<br>Q.9<br>Ans | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right) How many such symbols are there which are immediately preceded by a numinamediately followed by a number? ★ 1.1 ★ 2.4 ★ 3.2 ★ 4.3 Select the correct combination of mathematical signs that can sequentially read balance the given equation. 40 @ 8 @ 7 @ 7 @ 5 ★ 1.÷, x, =,- ★ 2.×, ÷, =,- ★ 3.÷, x, =, x ★ 4.×, =,-, ÷     | Question ID : 630680163383<br>Status : Answered<br>Chosen Option : 2<br>place the @ signs   |
| Q.8<br>Ans<br>Q.9<br>Ans | Refer to the given number, symbol series and answer the question that follow 6 # 2 % 5 4 \$ # \$ 1 @ * 7 & % 2 & 2 7 5 % 3 (Right) How many such symbols are there which are immediately preceded by a numinamediately followed by a number? ★ 1.1 ★ 2.4 ★ 3.2 ★ 4.3 Select the correct combination of mathematical signs that can sequentially read balance the given equation. 40 @ 8 @ 7 @ 7 @ 5 ★ 1. ÷, x, =,- ★ 2. ×, ÷, =,- ★ 3. ÷, x, =, x ★ 4. ×, =,-, ÷ | s. (Left) 5         nber and also         Question ID : 630680163383         Status : Answered         Chosen Option : 2         place the @ signs         Question ID : 630680163390         Status : Answered         Chosen Option : 3 |

| Read the given statements and conclusions carefully. Assuming that the inform<br>the statements is true, even if it appears to be at variance with commonly know<br>which of the given conclusions logically follow(s) from the statements. | nation given in<br>wn facts, decide   |
|---|---|
| Statements:<br>A. Some buses are gliders.<br>B. All gliders are umbrellas.  |   |
| Conclusions:<br>(I) No umbrella is a bus.<br>(II) Some buses are umbrellas.   |   |
| 1. Either conclusion I or conclusion II follows.  |   |
| X 2. Both conclusions I and II follow.  |   |
| ✓ 3. Only conclusion II follows.  |   |
| X 4. Only conclusion I follows.   |   |
|   | Question ID : <b>630680163380</b><br>Status : <b>Answered</b><br>Chosen Option : <b>3</b>   |
| If  |   |
| 'Q $\Omega$ T' means 'Q is the wife of T',  |   |
| 'Q $\cong$ T' means 'Q is the father of T',   |   |
| 'Q ∈ T' means 'Q is the daughter of T',   |   |
| 'Q = T' means 'Q is the son of T',  |   |
| then how is A related to F in the following expression  | on?   |
| $A = B \Omega C \not\equiv D \Omega F$  |   |
| ✓ 2. Wife's brother   |   |
| X 3. Son  |   |
| 🗙 4. Father-in-law  |   |
|   | Question ID : <b>630680163389</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b>   |
|   | Read the given statements and conclusions carefully. Assuming that the inform<br>the statements is true, even if it appears to be at variance with commonly know<br>which of the given conclusions logically follow(s) from the statements.<br>Statements:<br>A. Some buses are gliders.<br>B. All gliders are umbrellas.<br>Conclusions:<br>(1) No umbrella is a bus.<br>(11) Some buses are umbrellas.<br>$\checkmark$ 1. Either conclusion I or conclusion II follows.<br>$\checkmark$ 2. Both conclusions I and II follow.<br>$\checkmark$ 3. Only conclusion I follows.<br>$\checkmark$ 4. Only conclusion I follows.<br>$\circlearrowright$ 4. Pather of T',<br>$\circlearrowright$ 4. Father-in-law.<br>(1) Some bases are glifted to F in the following expression<br>$\circlearrowright$ 4. Father-in-law. |

| Q.12 | Refer to the given number, symbol series and answer the question that follow   | vs. (Left) &  |  |  |
|------|--|---|--|--|
|      | 2 @ 1 2 \$ 8 & # 4 & * % 5 ^ % & @ 2 1 4 % & # 2 1 (Right)   |   |  |  |
|      | How many such numbers are there which are immediately preceded by a symbol and also immediately followed by a symbol?<br>Ans X 1.5<br>X 2.2  |   |  |  |
| Ans  |  |   |  |  |
|      |  |   |  |  |
|      | ✔ 3.3  |   |  |  |
|      | <b>X</b> 4. 4  |   |  |  |
|      |  |   |  |  |
|      |  | Question ID : 630680163384  |  |  |
|      |  | Status : Answered<br>Chosen Option : 3  |  |  |
|      |  |   |  |  |
| Q.13 | In a certain code language, 'BOOK' is written as 'DRTR' and 'WORM' is w<br>How will 'READ' be written in that language?  | ritten as 'YRWT'.   |  |  |
| Ans  | X 1. THGK  |   |  |  |
|      | X 2. TIFK  |   |  |  |
|      | ✓ 3. THFK  |   |  |  |
|      | 🗙 4. THFL  |   |  |  |
|      |  |   |  |  |
|      |  | Question ID : 630680163385<br>Status : Answered   |  |  |
|      |  | Chosen Option : 3   |  |  |
|      |  |   |  |  |
| Q.14 | In a certain code language, 'WATER' is written as 'TCVYY' and 'FREEZ' i<br>How will 'SOLID' he written in that language?   | is written as 'BCGPH'.  |  |  |
| Ans  | ✓ 1. FGNMU   |   |  |  |
|      | X 2. FGNMV   |   |  |  |
|      | X 3. FGNMT   |   |  |  |
|      | × 4. FGMNU   |   |  |  |
|      |  |   |  |  |
|      |  | Question ID : 630680163386  |  |  |
|      |  | Status : Answered   |  |  |
|      |  |   |  |  |
| Q.15 | Puja left her house and walks a distance of 80 m towards the north, then tur walks for 120 m. She again turns right and walks for 80 m. At this point, she turns to her right and walks for 150 m. How far is she from the starting poind direction her house is from her final reached point? | ns to her right and<br>e finally<br>at and in which                                       |  |  |
| Ans  | 1. 30 m due east   |   |  |  |
|      | X 2. 37 m due east   |   |  |  |
|      |  |   |  |  |
|      | $\land$ 3.30 m due north   |   |  |  |
|      | <ul> <li>X 3.30 m due north</li> <li>X 4.30 m due west</li> </ul>  |   |  |  |
|      | $\checkmark$ 3.30 m due north $\checkmark$ 4.30 m due west   |   |  |  |
|      | <ul> <li>3. 30 m due north</li> <li>4. 30 m due west</li> </ul>  | Question ID : 630680163387  |  |  |
|      | <ul> <li>3.30 m due north</li> <li>4.30 m due west</li> </ul>  | Question ID : <b>630680163387</b><br>Status : <b>Answered</b><br>Chosen Option : <b>1</b> |  |  |

| Q.1        | The curved surface area of a right circular cylinder and a sphere are equal. If the radius of the sphere and cylinder are 2 and 3, respectively, then find the total surface area of the cylinder.     |   |
|------------|--|---|
| Ans        | 1. 28π   |   |
|            | <ol> <li>32π</li> </ol>  |   |
|            | ✓ 3. 34π   |   |
|            | 4. 30π   |   |
|            | 0000   |   |
|            |  | Question ID : 630680163404  |
|            |  | Chosen Option : 2   |
| <u> </u>   |  |   |
| Q.2        | Two men on either side of a temple of 40 m height observe its top at the angle and 30°, respectively. What is the distance between the two men in meters?  | s of elevation 30°  |
| Ans        | ✓ <sup>1</sup> . 80√3  |   |
|            | <ol> <li>79√3</li> </ol>   |   |
|            | <sup>3.</sup> 78√3   |   |
|            | 4. 81√3  |   |
|            |  | Question ID - 630680163406  |
|            |  | Status : Answered   |
|            |  | Chosen Option : 1   |
| Q.3        | If the roots of $a(b - c) x^2 + b(c - a) x + c(a - b) = 0$ are equal   | , then a, b, c are:   |
| Ans        | X 1. in geometric progression  | ,   |
|            | 2. in harmonic progression   |   |
|            | X 3. in arithmetic progression   |   |
|            | X 4. triplets  |   |
|            |  |   |
|            |  | Question ID : 630680163405  |
|            |  | Chosen Option : 3   |
| Q.4<br>Ans | A, B and C rent a pasture. A puts 5 oxen for 4 months, B puts 8 oxen for 5 m<br>10 oxen for 3 months for grazing. If the rent of the pasture is ₹180, then he<br>pay as his share of rent?<br>X 1. ₹75 | onths and C puts<br>ow much must B  |
|            | ∧ 2. ₹/0   |   |
|            | <ul> <li>✓ 3. ₹80</li> <li>✓ 4. ₹72</li> </ul>   |   |
|            | ▲ 4. 2</th <th></th>   |   |
|            |  | Question ID : 630680163397  |
|            |  | Status : <b>Answered</b>  |
|            |  | Chosen Option : 3   |
|            | <ul> <li>3. ₹80</li> <li>4. ₹72</li> </ul>   | Question ID : <b>630680163397</b><br>Status : <b>Answered</b><br>Chosen Option : <b>3</b> |

| 5                        | × 1.50  |  |
|--------------------------|---|--|
|                          | ★ 2.47  |  |
|                          | ★ 3.49  |  |
|                          | ✓ 4.48  |  |
|                          |   |  |
|                          |   | Question ID : 630680163392   |
|                          |   | Chosen Option : 4  |
|                          |   |  |
| <b>).</b> 6              | A wheel turns 420 times around its axle to cover 4.2 km. The diame  | ter of the wheel (in m) will   |
| Ans                      | $\times$ 1.3.25   |  |
|                          | ✓ 2.3.18  |  |
|                          | ★ 3.3.22  |  |
|                          | <b>X</b> 4. 3.08  |  |
|                          |   |  |
|                          |   | Question ID : 630680163403   |
|                          |   | Status : Answered  |
|                          |   | Chosen Option : 2  |
|                          |   | Chosen Option : 2  |
| Q.7                      | What is the ratio of the bikes' time taken to cover the same distance the matrix $2 \times 5 \times 72$   | Chosen Option : 2<br>e if the speeds of 3 bikes are in   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance the ratio 3 : 5 : 7?  | Chosen Option : 2<br>e if the speeds of 3 bikes are in   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance the ratio 3 : 5 : 7?<br>1.35 : 21 : 15<br>2.35 : 21 : 20  | Chosen Option : 2<br>e if the speeds of 3 bikes are in   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>✓ 1. 35 : 21 : 15<br>✓ 2. 35 : 21 : 20<br>✓ 3. 42 : 55 : 63  | chosen Option : 2<br>e if the speeds of 3 bikes are in   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>✓ 1. 35 : 21 : 15<br>✓ 2. 35 : 21 : 20<br>✓ 3. 42 : 55 : 63<br>✓ 4. 21 : 35 : 20   | Chosen Option : 2<br>e if the speeds of 3 bikes are in   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>✓ 1. 35 : 21 : 15<br>✓ 2. 35 : 21 : 20<br>✓ 3. 42 : 55 : 63<br>✓ 4. 21 : 35 : 20   | chosen Option : 2<br>e if the speeds of 3 bikes are in   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance the ratio 3 : 5 : 7?<br>✓ 1. 35 : 21 : 15<br>✓ 2. 35 : 21 : 20<br>✓ 3. 42 : 55 : 63<br>✓ 4. 21 : 35 : 20  | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>✓ 1. 35 : 21 : 15<br>✓ 2. 35 : 21 : 20<br>✓ 3. 42 : 55 : 63<br>✓ 4. 21 : 35 : 20   | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1   |
| Q.7<br>Ans               | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>✓ 1. 35 : 21 : 15<br>✓ 2. 35 : 21 : 20<br>✓ 3. 42 : 55 : 63<br>✓ 4. 21 : 35 : 20   | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1   |
| Q.7<br>Ans<br>Q.8        | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1.35 : 21 : 15<br>2.35 : 21 : 20<br>3.42 : 55 : 63<br>4.21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is   | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .   |
| Q.7<br>Ans<br>Q.8<br>Ans | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1. 35 : 21 : 15<br>2. 35 : 21 : 20<br>3. 42 : 55 : 63<br>4. 21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is<br>1. 55/8                                  | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .   |
| Q.7<br>Ans<br>Q.8<br>Ans | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1. 35 : 21 : 15<br>2. 35 : 21 : 20<br>3. 42 : 55 : 63<br>4. 21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is<br>1. 55/8<br>2. 45/8                       | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .   |
| Q.7<br>Ans<br>Q.8<br>Ans | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1. 35 : 21 : 15<br>2. 35 : 21 : 20<br>3. 42 : 55 : 63<br>4. 21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is<br>1. 55/8<br>2. 45/8<br>3. 65/8            | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .   |
| Q.7<br>Ans<br>Q.8<br>Ans | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1. 35 : 21 : 15<br>2. 35 : 21 : 20<br>3. 42 : 55 : 63<br>4. 21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is<br>1. 55/8<br>2. 45/8<br>3. 65/8<br>4. 46/8 | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .   |
| Q.7<br>Ans<br>Q.8<br>Ans | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1.35 : 21 : 15<br>2.35 : 21 : 20<br>3.42 : 55 : 63<br>4.21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is<br>1.55/8<br>2.45/8<br>3.65/8<br>4.46/8         | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .   |
| Q.7<br>Ans<br>Q.8<br>Ans | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1. 35 : 21 : 15<br>2. 35 : 21 : 20<br>3. 42 : 55 : 63<br>4. 21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is<br>1. 55/8<br>2. 45/8<br>3. 65/8<br>4. 46/8 | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .<br>Question ID : 630680163402   |
| Q.7<br>Ans<br>Q.8<br>Ans | What is the ratio of the bikes' time taken to cover the same distance<br>the ratio 3 : 5 : 7?<br>1.35 : 21 : 15<br>2.35 : 21 : 20<br>3.42 : 55 : 63<br>4.21 : 35 : 20<br>Find the remainder when $f(x) = 3x^3 - 5x^2 + 2x + 8$ is<br>1.55/8<br>2.45/8<br>3.65/8<br>4.46/8         | Chosen Option : 2<br>e if the speeds of 3 bikes are in<br>Question ID : 630680163399<br>Status : Answered<br>Chosen Option : 1<br>divided by $g(x) = 2x - 1$ .<br>Question ID : 630680163402<br>Status : Answered<br>Chosen Option : 3 |

| Ans         | <ul> <li>After spending 10% on clothes, 2% on books, 5% on purchasing gifts for husband and 4% on others, Rani has a balance of ₹5,135. How much money (in ₹) was there with her initially?</li> <li>x 1.6,400</li> </ul>  |  |
|-------------|--|--|
|             | 2. 6,450   |  |
|             | ✗ 3. 6,390   |  |
|             | ✓ 4. 6,500   |  |
|             |  |  |
|             |  | Question ID : 630680163395<br>Status : Answered  |
|             |  | Chosen Option : 4  |
|             |  |  |
| Q.10        | Two different mutual fund companies declare fixed annual rate of interest on the amounts in<br>investors. The rate of interest offered by these companies may differ from year to year depen<br>economy of the country and the banks' rate of interest. The annual rate of interest offered by<br>are given. | ested with them by<br>ding on the variation in the<br>the two companies X and Y  |
|             | Year         2013         2014         2015         2016         2017         2018         2019           X         6.8         7.4         7.2         7.3         8.2         8.3         8.6           Y         7.2         6.9         7.3         7.1         7.8         8         8.2                |  |
|             | An investor invested a sum of ₹10 lakh in company X in 2014. The total amount received aff<br>in the same company for one more year. The total appreciation received by the investor on h<br>lakhs):   | er one year was reinvested<br>s investment was (in ₹   |
| Ans         | ✓ 1.11.51328   |  |
|             | 2.10.56422   |  |
|             | 3.11.65235   |  |
|             | X 4. 11.53265  |  |
|             |  | Question ID : 630680163401   |
|             |  | Status : Answered  |
|             |  | Chosen Option : 1  |
| Q.11        | ?% of $145 + 12.5$ % of $125 = 2^{2} \times 22$ (correct to two d  | ecimal places) is:   |
| Ans         | 1.48.82  |  |
|             | 2.48.56  |  |
|             | <b>3</b> . 49.91   |  |
|             | 4. 50.23   |  |
|             |  |  |
|             |  | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1   |
| 0.10        |  | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1   |
| Q.12        | 6 men can complete a work in 10 days. They start the work and after 2 days<br>many days will the work be completed by the remaining men?   | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1<br>2 men leave. In how  |
| Q.12<br>Ans | 6 men can complete a work in 10 days. They start the work and after 2 days<br>many days will the work be completed by the remaining men?<br>X 1.9  | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1<br>2 men leave. In how  |
| Q.12<br>Ans | 6 men can complete a work in 10 days. They start the work and after 2 days<br>many days will the work be completed by the remaining men?<br>1.9<br>2.7   | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1<br>2 men leave. In how  |
| Q.12<br>Ans | 6 men can complete a work in 10 days. They start the work and after 2 days<br>many days will the work be completed by the remaining men?   | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1<br>2 men leave. In how  |
| Q.12<br>Ans | 6 men can complete a work in 10 days. They start the work and after 2 days<br>many days will the work be completed by the remaining men?   | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1<br>2 men leave. In how  |
| Q.12<br>Ans | <ul> <li>6 men can complete a work in 10 days. They start the work and after 2 days many days will the work be completed by the remaining men?</li> <li>▲ 1.9</li> <li>▲ 2.7</li> <li>▲ 3.10</li> <li>▲ 4.8</li> </ul>   | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1<br>2 men leave. In how  |
| Q.12<br>Ans | 6 men can complete a work in 10 days. They start the work and after 2 days<br>many days will the work be completed by the remaining men?   | Question ID : 630680163393<br>Status : Answered<br>Chosen Option : 1<br>2 men leave. In how<br>Question ID : 630680163400<br>Status : Answered |

| Q.13                         |  |  |  |  |
|------------------------------|--|--|--|--|
|                              | A sum of ₹22,400 amounts to ₹24,250 in 6 years at the rate of simple inter-<br>interest (correct to two decimal places)?   | rest. What is the rate of  |  |  |
| Ans                          | ★ 1.1.02%  |  |  |  |
|                              | <b>X</b> 2. 1.56%  |  |  |  |
|                              | <b>X</b> 3.1.65%   |  |  |  |
|                              | ✓ 4. 1.38%   |  |  |  |
|                              |  |  |  |  |
|                              |  | Question ID : 630680163398<br>Status : Answered  |  |  |
|                              |  | Chosen Option : 4  |  |  |
|                              |  |  |  |  |
| Q.14                         | A manufacturer offers a 12% rebate on the marked price of a product.<br>15% rebate on the reduced price. The two reductions are equivalent to a  | The retailer offers<br>a single reduction of: Ans  |  |  |
|                              | ✓ 1. 25.2%   |  |  |  |
|                              | 2.27.4%  |  |  |  |
|                              | ✗ 3. 26.8%   |  |  |  |
|                              | <b>X</b> 4. 27.8%  |  |  |  |
|                              |  | Question ID • 630680163396   |  |  |
|                              |  | Status : Answered  |  |  |
|                              |  | Chosen Option : 1  |  |  |
|                              | month. If the average number of books sold by him in the first three month is for a month is sold by him in the first three month is sold by him in the first four months is 850, then find the number of books sold by him  | at sold in the fourth<br>nths is 730 and in<br>in the first month.   |  |  |
| Ans                          | <ul> <li>The number of books sold by Kavi in the first month is 10% less than that month. If the average number of books sold by him in the first three monthe first four months is 850, then find the number of books sold by him</li> <li>1.1077</li> <li>2.1089</li> <li>3.1086</li> <li>4.1088</li> </ul>  | at sold in the fourth<br>nths is 730 and in<br>in the first month.   |  |  |
| Ans                          | <ul> <li>The number of books sold by Kavi in the first month is 10% less than that month. If the average number of books sold by him in the first three monthe first four months is 850, then find the number of books sold by him</li> <li>1.1077</li> <li>2.1089</li> <li>3.1086</li> <li>4.1088</li> </ul>  | at sold in the fourth<br>nths is 730 and in<br>in the first month.   |  |  |
| Ans                          | <ul> <li>The number of books sold by Kavi in the first month is 10% less than that month. If the average number of books sold by him in the first three monthe first four months is 850, then find the number of books sold by him</li> <li>1.1077</li> <li>2.1089</li> <li>3.1086</li> <li>4.1088</li> </ul>  | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : <b>630680163394</b>  |  |  |
| Ans                          | <ul> <li>The number of books sold by Kavini the first month is 10% less than that month. If the average number of books sold by him in the first three monthe first four months is 850, then find the number of books sold by him</li> <li>1.1077</li> <li>2.1089</li> <li>3.1086</li> <li>4.1088</li> </ul>   | Question ID : 630680163394<br>Status : Answered  |  |  |
| Ans                          | <ul> <li>The number of books sold by Kavini the first month is 10% less than that month. If the average number of books sold by him in the first three months from months is 850, then find the number of books sold by him</li> <li>1.1077</li> <li>2.1089</li> <li>3.1086</li> <li>4.1088</li> </ul>   | At sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2   |  |  |
| Ans                          | <ul> <li>a normalized of books sold by kay in the first month is 10% reschaft that the month. If the average number of books sold by him in the first three month first four months is 850, then find the number of books sold by him</li> <li>1.1077</li> <li>2.1089</li> <li>3.1086</li> <li>4.1088</li> </ul>   | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2   |  |  |
| Ans<br>Section<br>Q.1        | n : General English Select the most appropriate option to fill in the blanks.  | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2   |  |  |
| Ans<br>dection<br>Q.1        | In the number of books sold by Kay in the first month is 10% tess than that month. If the average number of books sold by him in the first three month first four months is 850, then find the number of books sold by him 1.1077 2.1089 3.1086 4.1088 n : General English Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel.  | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : <b>630680163394</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b>  |  |  |
| Ans<br>Section<br>Q.1<br>Ans | nember of books sold by kay in the first month is 10% rescale in the month. If the average number of books sold by him in the first three monthe first four months is 850, then find the number of books sold by him            × 1. 1077             × 2. 1089             × 3. 1086             × 4. 1088     Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel.          × 1. the, the              | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : <b>630680163394</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b>  |  |  |
| Ans<br>Section<br>Q.1<br>Ans | n: General English   Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel. 1. the, the 2. a, a  | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2   |  |  |
| Ans<br>lection<br>Q.1<br>Ans | In the number of books sold by Kay in the first month is 10% tess than the month. If the average number of books sold by him in the first three month first four months is 850, then find the number of books sold by him 1.1077 2.1089 3.1086 4.1088 n : General English Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel. 1. the, the 2. a, a 3. a, the   | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : <b>630680163394</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b>  |  |  |
| Ans<br>Gection<br>Q.1<br>Ans | In the number of books sold by kay in the first month is 10% test than the month. If the average number of books sold by him in the first three month first four months is 850, then find the number of books sold by him 1 1077 1 1077 2.1089 3.1086 4.1088 n : General English Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel. 1 1. the, the 2 . a, a 3 . a, the 4 . the, a                       | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2   |  |  |
| Ans<br>Section<br>Q.1<br>Ans | The full fille of books sold by kay in the first month is 10% less than the month. If the average number of books sold by him in the first three month first four months is 850, then find the number of books sold by him<br>✓ 1. 1077<br>✓ 2. 1089<br>✓ 3. 1086<br>✓ 4. 1088 In : General English Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel. ✓ 1. the, the ✓ 2. a, a ✓ 3. a, the ✓ 4. the, a | at sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2   |  |  |
| Ans<br>Gection<br>Q.1<br>Ans | In the number of books sold by kay in the first month is 10% test than the month if the average number of books sold by him in the first three months first four months is 850, then find the number of books sold by him 1.1077 2.1089 3.1086 4.1088 n : General English Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel. 1. the, the 2. a, a 3. a, the 4. the, a                                   | At sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2   |  |  |
| Ans<br>Section<br>Q.1<br>Ans | In the full bero is books sold by Kavin in the first humber is to values that the month. If the average number of books sold by him in the first three month the first four months is 850, then find the number of books sold by him 1.1077 2.1089 3.1086 4.1088 In : General English Select the most appropriate option to fill in the blanks. This story is about little boy and squirrel. 1. the, the 2. a, a 3. a, the 4. the, a                       | At sold in the fourth<br>nths is 730 and in<br>in the first month.<br>Question ID : 630680163394<br>Status : Answered<br>Chosen Option : 2<br>Question ID : 630680163414<br>Status : Answered<br>Chosen Option : 2 |  |  |

| Q.2 | Select the most appropriate option to collocate with the word 'stupid' to fill | in the blank.              |
|-----|--|----------------------------|
|     | It wasstupid of me to think that I could outwit him.                           |                            |
| Ans | X 1. richly  |                            |
|     | X 2. fully   |                            |
|     | ✓ 3. utterly   |                            |
|     | X 4. deeply  |                            |
|     |  |                            |
|     |  | Question ID : 630680163420 |
|     |  | Status : Answered          |
|     |  |                            |
| Q.3 | Select the most appropriate option to collocate with the word ' missing' to fi | ll in the blank.           |
|     | In the crowd of the Diwali Mela, the child missing.                            |                            |
| Ans | <b>X</b> 1. kept   |                            |
|     | × 2. had   |                            |
|     | ✓ 3. went  |                            |
|     | <b>X</b> 4. got  |                            |
|     |  |                            |
|     |  | Question ID : 630680163419 |
|     |  | Status : Answered          |
|     |  |                            |
| Q.4 | Select the most appropriate option to fill in the blank.                       |                            |
|     | By next month, the valley with snow.   |                            |
| Ans | X 1. has been covered  |                            |
|     | ✓ 2. will be covered   |                            |
|     | $\mathbf{X}$ 3. is covered   |                            |
|     | $\mathbf{X}$ 4. is covering  |                            |
|     |  |                            |
|     |  | Question ID : 630680163412 |
|     |  | Status : Answered          |
|     |  |                            |
| Q.5 | Select the most appropriate option to fill in the blank.                       |                            |
|     | Colonel Mishra lives in the flat just mine.                                    |                            |
| Ans | ✗ 1. up  |                            |
|     | X 2. upstairs  |                            |
|     | ✓ 3. above   |                            |
|     | $\mathbf{X}$ 4. over   |                            |
|     |  |                            |
|     |  | Question ID : 630680163408 |
|     |  | Status : Answered          |
|     |  |                            |
|     |  |                            |

| 2                        | Don't blow your  |  |  |
|--------------------------|--|--|--|
| 483                      | ▲ 1. breeze away   |  |  |
|                          | × 3 candle off   |  |  |
|                          | 3. candle off  |  |  |
|                          | 4. chances away  |  |  |
|                          |  | Question ID : 630680163425   |  |
|                          |  | Status : Answered  |  |
|                          |  | Chosen Option : 2  |  |
|                          |  | (  |  |
| Q.7                      | Select the most appropriate option to fill in the blank.   |  |  |
|                          | How did you like living on island for six months?  |  |  |
| Ans                      | 1. the   |  |  |
|                          | 2. No word required  |  |  |
|                          | ✓ 3. an  |  |  |
|                          | ▲ 4. a   |  |  |
|                          |  | Question ID : 630680163413   |  |
|                          |  | Status : Answered  |  |
|                          |  | Chosen Option · 3  |  |
|                          |  |  |  |
| Q.8                      | Select the most appropriate option to fill in the blank.   |  |  |
| Q.8                      | Select the most appropriate option to fill in the blank.   |  |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.   |  |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.<br>1. her<br>2. his   |  |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.<br>1. her<br>2. his<br>3. their   |  |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.   |  |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.   |  |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.<br>1. her<br>2. his<br>3. their<br>4. him   | Question ID : 630680163409   |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.   | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2   |  |
| Q.8<br>Ans               | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.   | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2   |  |
| Q.8<br>Ans<br>Q.9        | Select the most appropriate option to fill in the blank.<br>They tiedhands and locked him in a room.   | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2   |  |
| Q.8<br>Ans<br>Q.9        | Select the most appropriate option to fill in the blank. They tiedhands and locked him in a room.          1. her         2. his         3. their         4. him    Select the most appropriate synonym of the given word. Drenched  | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2   |  |
| Q.8<br>Ans<br>Q.9<br>Ans | Select the most appropriate option to fill in the blank. They tiedhands and locked him in a room.  | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2   |  |
| Q.8<br>Ans<br>Q.9<br>Ans | Select the most appropriate option to fill in the blank. They tiedhands and locked him in a room.          1. her         2. his         3. their         4. him    Select the most appropriate synonym of the given word. Drenched         1. Cold         1. Cold         2. Dry | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2   |  |
| Q.8<br>Ans<br>Q.9<br>Ans | Select the most appropriate option to fill in the blank. They tiedhands and locked him in a room.  | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2   |  |
| Q.8<br>Ans<br>Q.9<br>Ans | Select the most appropriate option to fill in the blank. They tiedhands and locked him in a room.  | Question ID : <b>630680163409</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b>  |  |
| Q.8<br>Ans<br>Q.9<br>Ans | Select the most appropriate option to fill in the blank. They tiedhands and locked him in a room.  | Question ID : 630680163409<br>Status : Answered<br>Chosen Option : 2<br>Question ID : 630680163421   |  |
| Q.8<br>Ans<br>Q.9<br>Ans | Select the most appropriate option to fill in the blank. They tiedhands and locked him in a room.  | Question ID : <b>630680163409</b><br>Status : <b>Answered</b><br>Chosen Option : <b>2</b><br>Question ID : <b>630680163421</b><br>Status : <b>Answered</b> |  |

| Q.10 | Select the most appropriate option to fill in the blank.                         |                            |
|------|--|----------------------------|
|      | Earlier, it took 36 hours Howrah from Delhi by train.                            |                            |
| Ans  | $\mathbf{X}$ 1. to be reaching   |                            |
|      | ✓ 2. to reach  |                            |
|      | X 3. reached   |                            |
|      | × 4. reach   |                            |
|      |  |                            |
|      |  | Question ID : 630680163410 |
|      |  | Status : Answered          |
|      |  |                            |
| Q.11 | Select the most appropriate option to collocate with the word 'sight' to fill in | the blank.                 |
|      | Where are you? It is so difficult to sight of you.                               |                            |
| Ans  | X 1. get   |                            |
|      | X 2. keep  |                            |
|      | X 3. have  |                            |
|      | ✓ 4. catch   |                            |
|      |  |                            |
|      |  | Question ID : 630680163418 |
|      |  | Status : Answered          |
|      |  |                            |
| Q.12 | Select the most appropriate option to fill in the blank.                         |                            |
|      | water that the villagers drink comes from this lake.                             |                            |
| Ans  | ✓ 1. The   |                            |
|      | X 2. An  |                            |
|      | <b>X</b> 3. A  |                            |
|      | × 4 No word required   |                            |
|      | A line word required   |                            |
|      |  | Question ID : 630680163415 |
|      |  | Status : Answered          |
|      |  | Chosen Option : 1          |
| 0.13 | Select the most appropriate option to fill in the blanks.                        |                            |
|      | mean was shining in sky and there was arough light to see a                      | round                      |
| Ans  | ↓ 1. A. a  | iouna.                     |
|      | 2 The the  |                            |
|      | $\mathbf{X}$ 3 A the   |                            |
|      | X 4 The e  |                            |
|      | ▲ 4. 1ne, a  |                            |
|      |  | Question ID : 630680163416 |
|      |  | Status : Answered          |
|      |  | Chosen Option : 2          |
|      |  |                            |

| Q.14 | Select the most appropriate option to fill in the blank.                       |  |
|------|--|--|
|      | Avika guavas as she finds it difficult to chew its seeds.                      |  |
| Ans  | ✔ 1. dislikes  |  |
|      | X 2. wants   |  |
|      | X 3. grows   |  |
|      | X 4. appreciates   |  |
|      |  |  |
|      |  | Question ID : 630680163426             |
|      |  | Status : Answered<br>Chosen Option : 1 |
|      |  |  |
| Q.15 | Select the most appropriate option to collocate with the word 'dinner' to fill | in the blank.                          |
|      | Let's our dinner at Wangers today.   |  |
| Ans  | ✓ 1. have  |  |
|      | 🗙 2. do  |  |
|      | X 3. make  |  |
|      | <b>X</b> 4. get  |  |
|      |  |  |
|      |  | Question ID : 630680163417             |
|      |  | Status : Answered<br>Chosen Option : 1 |
|      |  |  |
| Q.16 | Select the most appropriate option to fill in the blank.                       |  |
|      | Your bedroom is spacious.  |  |
| Ans  | 🗙 1. a lot   |  |
|      | <b>X</b> 2. such   |  |
|      | X 3. enough  |  |
|      | ✓ 4. quite   |  |
|      |  |  |
|      |  | Question ID : 630680163411             |
|      |  | Chosen Option : 4                      |
|      |  |  |
| Q.17 | Select the most appropriate ANTONYM of the given word.                         |  |
|      | Delectable   |  |
| Ans  | ✓ 1. Distasteful   |  |
|      | X 2. Flavourful  |  |
|      | X 3. Delightful  |  |
|      | 🗙 4. Plentiful   |  |
|      |  | Quartien ID . (20(001(2)4))            |
|      |  | Status : Answered                      |
|      |  | Chosen Option : 1                      |
|      |  |  |

| Q.18   | Select the most appropriate ANTONYM of the given word.    |  |
|--------|---|--|
|        | Languid   |  |
| Ans    | V 1. Lively   |  |
|        | X 2. Lethargic  |  |
|        | X 3. Leisurely  |  |
|        | X 4. Lazy   |  |
|        |   | Question ID : 630680163424                           |
|        |   | Status : Answered                                    |
|        |   | Chosen Option : 1                                    |
| Q.19   | Select the most appropriate option to fill in the blank.  |  |
|        | He has brought his little daughter him to this meeting.   |  |
| Ans    | <b>X</b> 1. for   |  |
|        | X 2. to   |  |
|        | ✓ 3. with   |  |
|        | <b>X</b> 4. by  |  |
|        |   | Question ID + (20/001/2407                           |
|        |   | Status : Answered                                    |
|        |   | Chosen Option : 3                                    |
|        |   |  |
| Q.20   | Select the most appropriate option to fill in the blanks. |  |
| Ang    | The new of this book is available in to the old one.      |  |
| AIIS   | 2 addition addition                                       |  |
|        | X 3 edition edition                                       |  |
|        | 4 edition addition  |  |
|        |   |  |
|        |   | Question ID : 630680163422                           |
|        |   | Status : Answered<br>Chosen Option : 4               |
|        |   |  |
| Sectio | n : Domain Knowledge                                      |  |
| Q.1    | The relation $R = \{(1, 2), (1, 3), (1, 4), (1, 5)\}$ is: |  |
| Ans    | $\mathbf{X}$ 1. many one relation                         |  |
|        | 2. one-one relation                                       |  |
|        | ✓ 3. one many relation                                    |  |
|        | 4. many-many relation                                     |  |
|        |   |  |
|        |   | Question ID : 630680163457                           |
|        |   | Status : <b>Answered</b><br>Chosen Option : <b>3</b> |
|        |   | - <b>L</b> · · · · · -                               |



![](_page_18_Figure_0.jpeg)

| ~           |   | F1 0 _21   |
|-------------|---|--|
|             | The product of the cofactors of 3 and $-2$ in t   | the matrix $\begin{vmatrix} 1 & 0 & -2 \\ 3 & -1 & 2 \end{vmatrix}$ is:  |
|             | 100 2023  | L4 5 6 J   |
| Ans         | <sup>1.</sup> 180   |  |
|             | 2. –180   |  |
|             | <b>✓</b> <sup>3.</sup> −190   |  |
|             | 4. 190  |  |
|             |   | Question ID : 630680163466   |
|             |   | Status : Answered  |
|             |   | Chosen Option : 3  |
| Q.9         | If a current of 18.2 Ampere per second flows through a copp   | per conductor and the average  |
|             | collision time of electrons is 0.25 µs, then the value of conduct   | livity of the copper conductor is  |
| Ans         | $\checkmark 1.0.80 \times 10^6 \text{ mho/m}$   |  |
|             | $2.4.55 \times 10^6$ mho/m  |  |
|             | $3.72.8 \times 10^{6}$ mho/m  |  |
|             | $4.13.7 \times 10^{-7}$ mho/m   |  |
|             |   | Question ID : 630680163430   |
|             |   | Status · Answered  |
|             |   | Chosen Option : 2  |
|             |   | Chosen Option : 2  |
| Q.10        | A 50 cm long wire carrying a current of 500 mA is bent to fo<br>cm. When the rectangular coil is placed on its long side perpe<br>magnetic field of 1.5 tesla, the torque experienced is  | Chosen Option : 2  |
| Q.10<br>Ans | A 50 cm long wire carrying a current of 500 mA is bent to fo<br>cm. When the rectangular coil is placed on its long side perpe-<br>magnetic field of 1.5 tesla, the torque experienced is<br>$\times$ <sup>1</sup> . 18.75 x 10 <sup>-3</sup> N m   | Chosen Option : 2  |
| Q.10<br>Ans | A 50 cm long wire carrying a current of 500 mA is bent to fo<br>cm. When the rectangular coil is placed on its long side perpe-<br>magnetic field of 1.5 tesla, the torque experienced is<br>× <sup>1.</sup> 18.75 x 10 <sup>-3</sup> N m<br><sup>2.</sup> 33.75 x 10 <sup>-3</sup> N m   | Chosen Option : 2  |
| Q.10<br>Ans | A 50 cm long wire carrying a current of 500 mA is bent to fo<br>cm. When the rectangular coil is placed on its long side perpe-<br>magnetic field of 1.5 tesla, the torque experienced is<br>× <sup>1.</sup> 18.75 x 10 <sup>-3</sup> N m<br><sup>2.</sup> 33.75 x 10 <sup>-3</sup> N m<br><sup>3.</sup> 7.50 x 10 <sup>-3</sup> N m  | Chosen Option : 2  |
| Q.10<br>Ans | A 50 cm long wire carrying a current of 500 mA is bent to fo<br>cm. When the rectangular coil is placed on its long side perpe-<br>magnetic field of 1.5 tesla, the torque experienced is<br>× <sup>1.</sup> 18.75 x 10 <sup>-3</sup> N m<br><sup>2.</sup> 33.75 x 10 <sup>-3</sup> N m<br><sup>3.</sup> 7.50 x 10 <sup>-3</sup> N m<br><sup>4.</sup> 3.75 x 10 <sup>-3</sup> N m | Chosen Option : 2  |
| Q.10<br>Ans | A 50 cm long wire carrying a current of 500 mA is bent to fo<br>cm. When the rectangular coil is placed on its long side perpe-<br>magnetic field of 1.5 tesla, the torque experienced is   | Chosen Option : 2<br>orm a rectangular coil of breadth 5<br>indicular to the uniform<br><br>Question ID : 630680163435 |
| Q.10<br>Ans | A 50 cm long wire carrying a current of 500 mA is bent to fo<br>cm. When the rectangular coil is placed on its long side perpe-<br>magnetic field of 1.5 tesla, the torque experienced is<br>× 1. 18.75 x 10 <sup>-3</sup> N m<br>2. 33.75 x 10 <sup>-3</sup> N m<br>3. 7.50 x 10 <sup>-3</sup> N m<br>4. 3.75 x 10 <sup>-3</sup> N m   | Chosen Option : 2<br>orm a rectangular coil of breadth 5<br>indicular to the uniform<br>                               |

| $Q^{11}$ , $1-\cos m\theta$  |  |
|--|--|
| $\lim_{\theta \to 0} \frac{1}{1 - \cos n\theta} = ?$   |  |
| Ans m  |  |
| $\overline{n}$   |  |
| $\sim m^2$   |  |
| $\sim 2.$ $\frac{m}{m}$  |  |
| m  |  |
| $\times$ 3. $\frac{m}{n^2}$  |  |
| m <sup>2</sup>   |  |
| $\checkmark$ 4. $\frac{m}{m^2}$  |  |
| <i>n</i> -   |  |
|  | Question ID : 630680163469             |
|  | Chosen Option : 4                      |
|  |  |
| Q.12 Which of the following statement(s) is/are NOT correct?   |  |
| (i) Infrared radiation plays an important role in keeping the earth cool<br>(ii) Infrared rays are emitted by contain semiconductor light emitting d | Jiadas                                 |
| (ii) Water vapour is an excellent infrared ray trapper.  | noues.                                 |
| (iv) The thermal motion of the materials decreases after they absorb inf   | rared rays. Ans                        |
| $\checkmark 1. Both (i) and (iv)$  |  |
| $\checkmark$ 2. Both (ii) and (iv)   |  |
| $\mathbf{X}$ 4. Both (ii) and (iii)  |  |
|  |  |
|  | Question ID : 630680163439             |
|  | Status : Answered                      |
|  | Chosen Option : 3                      |
| 1.13 In the Rydberg formula for the spectrum of the hydrogen atom, the wa  | venumber is                            |
| Ans X 1. inversely proportional to the square root of an electron charge   |  |
| $\checkmark$ 2. directly proportional to the fourth power of an electron charge  |  |
| $\mathbf{X}$ 3. inversely proportional to the fourth power of an electron charge   |  |
| $\mathbf{X}$ 4. directly proportional to the square root of an electron charge   |  |
|  |  |
|  | Question ID : <b>630680163456</b>      |
|  | Status : Answered<br>Chosen Ontion : 1 |
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![](_page_22_Figure_0.jpeg)

Q.21 The equation of the plane which contain the points (0,6,0) and (-2,-3,4) and which is parallel to the ray with direction ratios (2,3,-2) is: 1. 3x + 2y - 6z - 12 = 0Ans 2. 3x + 2y + 6z - 12 = 03. 3x - 2y + 6z + 12 = 04. 3x - 2v - 6z + 12 = 0Question ID : 630680163484 Status : Answered Chosen Option: 1 Q.22 If \* is a binary operation defined as  $a * b = \frac{ab}{2}$ , then the identity element with respect to this binary operation is: X 1.1 Ans 2.2 X 3.3 **X** 4.0 Question ID : 630680163460 Status : Answered Chosen Option: 2 Q.23 If  $y = u^2 + \log u$  and  $u = e^x$ , then find  $\frac{dy}{dx}$ :  $1.1 + e^{2x}$ Ans 2.  $1 + e^{-2x}$ 3.  $1 + 2e^{2x}$ 4.  $1 + 2e^{-2x}$ Question ID : 630680163471 Status : Answered Chosen Option: 3 Q.24 If  $y = x^{\sec^2 x} * \frac{1}{x^{\tan^2 x}}$ , then  $\frac{dy}{dx} = ?$ Ans 1. -1 2. 0 3.  $2x^{\sec^2 x} \log \tan^2 x$ **4**. 1 Question ID : 630680163470 Status : Answered Chosen Option: 2

![](_page_24_Figure_0.jpeg)

**Q.29** What is the resulting equation when Kirchhoff's loop time is applied to the following closed-loop ADDEA?  

$$\frac{1}{2} \sum_{k=1}^{n} \sum_{u=1}^{n} \sum_{v=1}^{n} \sum_$$

![](_page_26_Figure_0.jpeg)

![](_page_27_Figure_0.jpeg)

![](_page_28_Figure_0.jpeg)

|    | 2.48  |                            |  |
|----|---|----------------------------|--|
|    | ✗ 3. 21   |                            |  |
|    | ✓ 4.23  |                            |  |
|    |   |                            |  |
|    |   | Question ID : 630680163465 |  |
|    |   | Chosen Option : 4          |  |
|    |   | -                          |  |
| 43 | <ul> <li>Which of the following statements is/are correct?</li> <li>(i) Gauss' law applies to any closed surface, regardless of shape or size.</li> <li>(ii) We cannot distinguish between positive and negative flux depending on the direction of the electric flux lines.</li> <li>(iii) The net electric flux leaving a surface will always be zero if there is a charge bound inside of it.</li> </ul> |                            |  |
| 15 | X 1. Both (ii) and (iii)  |                            |  |
|    | X 2. Only (ii)  |                            |  |
|    | X 3. Both (i) and (iii)   |                            |  |
|    | ✓ 4. Only (i)   |                            |  |
|    |   |                            |  |
|    |   | Status : Answered          |  |
|    |   | Chosen Option : 3          |  |
|    |   |                            |  |
|    |   |                            |  |
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|    |   |                            |  |
|    |   |                            |  |
|    |   |                            |  |
|    |   |                            |  |
|    |   |                            |  |

![](_page_30_Figure_0.jpeg)

Question ID : 630680163446

Status : **Answered** Chosen Option : **2** 

![](_page_31_Figure_0.jpeg)

![](_page_32_Figure_0.jpeg)

![](_page_33_Figure_0.jpeg)

![](_page_34_Figure_0.jpeg)

![](_page_35_Figure_0.jpeg)

$$\begin{cases} 9^{38} \int \frac{e^{\tan^{-1}x}}{1+x^2} dx = ? \\ \text{Arw} \qquad \forall \mid e^{\tan^{-1}x} + c \\ & \times 2 e^{-\tan^{-1}x} + c \\ & \times 3 e^{-\tan^{-1}x} + c \\ & \times 3 e^{-\tan^{-1}x} \\ & \times 1 e^{\tan^{-1}x} \\$$