Subject: Mathematics
Grade: 6 ${ }^{\text {th }}$


| $\begin{aligned} & \mathrm{S} . \\ & \mathrm{N} \end{aligned}$ | Folder Number \& Question Code | Topic | Question with Answer Options |  | Image (If Any) | Correct <br> Answer <br> (Option - <br> A,B,C,D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 | 5_27 <br> Mathematics $8313$ | Integers | If $4-10=$ and $+10=\psi$, then which of the following is true? |  |  | C |
|  |  | Answer Option |  |  |  |  |
|  |  | $\checkmark$ and differ by 1. |  | d difter by 2 | $\checkmark$ and ditter by 100 |  |
| 4 | 5_29 <br> Mathematics $11292$ | Integers ${ }^{\text {it fr }}$ | Find the product of the numbers in the box and subtract it from -1 . What is the resulting number? |  | $3 \times 5 \times 7 \times 9$ | B |
|  |  | Answer Option |  |  |  |  |
|  |  | Option A | Option B | Option C | Option D |  |
|  |  | -944 | -946 | 955 | -955 |  |



| S.N. | Folder Number \& Question Code | Topic | Question with Answer Options |  | Image (If Any) |  | Correct Answer (Option A,B,C,D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7 | $\begin{gathered} 5 \_26 \\ \text { Mathematics } \\ 1967 \end{gathered}$ | Integers | $(90-30) \div 6+2 \times 5$ equals |  |  |  | C |
|  |  | Answer Option |  |  |  |  |  |
|  |  | Option A |  | Option B | Option C | Option D |  |
|  |  | 60 |  | 75 | 20 | 435 |  |
| 8 | 5_26Mathematics1985 | Integers | Mrinalini's grandfather gives her three choices for collecting pocket money every TEN WEEKS: Choice 1: Starting with Re. 1 on first day of the first week, Rs. 2 on second day and so on and take double the previous week's amount the next week (up to the tenth week). <br> Choice 2: Starting from the first week, take Rs. 150 every alternate week. <br> Choice 3: Take Rs. 700 once every ten weeks. <br> Which choice will give Mrinalini the greatest amount? |  |  |  | A |
|  |  |  |  |  | on |  |  |
|  |  |  | n A | Option B | Option C | Opti | n D |
|  |  |  |  | $\begin{aligned} & \text { Choice } \\ & 2 \end{aligned}$ | Choice 3 | All choices given equal amounts |  |


| S.N. | Folder Number \& Question Code | Topic | Question with Answer Options |  | Image (If Any) |  |  |  | Correct Answer (Option A,B,C,D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | $5 \_28$Mathematics9978 | Integers | One step of the flow chart below is missing: <br> If you had started with 20 in the first box, the ending number would have been 6 . What is the missing step (indicated by '?' in the chart)? |  | $\text { START } \square \stackrel{?}{\longrightarrow} \square \square \square \text { END }$ |  |  |  | A |
|  |  | $\mathrm{Op}$ | n A | $\begin{array}{r} \hline \text { A } \\ \hline \text { Option B } \\ -10 \\ \hline \end{array}$ | er | tion ${ }_{\text {Option } \mathrm{C}}$ |  | Option D <br> -2 |  |
| 10 | $\begin{gathered} 5 \_29 \\ \text { Mathematics } \\ 11446 \end{gathered}$ | Integers | A dealer of second hand cars buys two cars as per the following details: A buyer offers him Rs. $1,40,000$ for the two cars. What will be the dealer's profit or loss? |  | No. <br> 1. <br> 2. | Car <br> Maruti 800 <br> Ambassador | Year of <br> Manufacture <br> 1992 <br> 1990 | Price (Rs.) | C |
|  |  | Answer Option |  |  |  |  |  |  |  |
|  |  | Option A |  | Option B |  | Option C | Option D |  |  |
|  |  | Rs. 7,500 profit |  | Rs. 7,500 loss | Rs. 2,500 profit |  | Rs. 2,500 loss |  |  |


| S.N. | Folder Number \& Question Code | Topic | Question Answer 0 | ith <br> ions |  | Image (If |  | Correct <br> Answer <br> (Option - <br> A,B,C,D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | 1_2 <br> Mathematics $6843$ | Integers | A quiz is conducted in Ritu's class for which the scoring is done as follows: Ritu gives 8 correct answers and 3 incorrect answers. Also, she does not answer out of turn. Her final score will be: |  | RULES FOR SCORING <br> - 4 points are awarded for every correct answer. <br> - 1 point is deducted for every wrong answer. <br> - 2 bonus points are given to those who do not answer out of turn. <br> - The total number of points obtained is then divided by 10 to get the final score of the student. |  |  | C |
|  |  | Answer Option |  |  |  |  |  |  |
|  |  | Option A |  |  | tion B | Option | Option D |  |
|  |  | $\{(8-3) \times 4+2\} \div 10$ |  | $8 \times 4$ | $3+2 \div 10$ | [(8×4)-(3x1) | $(2+8) \times 4-3 \div 10$ |  |
| 12 | Mathematics$4357$ | INTEGERS | $9+9+9+9+9+9-9-9=$ $\qquad$ $x 9$. <br> What number should come in the blank? |  |  |  |  | D |
|  |  | Answer Option |  |  |  |  |  |  |
|  |  |  | tion A | 0 | tion B | Option C | Option D |  |
|  |  |  | 6 |  | 7 | 5 | 4 |  |



| S.N. | Folder Number \& Question Code | Topic Quest | Question with Answer Options | Image (If Any) |  | Correct Answer (Option A,B,C,D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | $\begin{gathered} 5 \_28 \\ \text { Mathematics } \\ 9977 \end{gathered}$ | Fractions Which nu <br> be used <br> MINUTES | Which number sentence can be used to find the number of MINUTES in 3 seconds? |  |  | D |
|  |  | Answer Option |  |  |  |  |
|  |  | Option A | Option B | Option C | Option D |  |
|  |  | $1 / 60 \times 1 / 60 \times 1 / 60$ | $60 \times 3$ | 1/60 + 3 | 1/60 $\times 3$ |  |

