S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
1	5_28 Mathematics 9974	Playing with numbers	Karishma listed all the factors of her age and her brother listed all the factors of his age. They found that the numbers 1, 2 and 3 were there in Both the list. What could be their ages (in years)?		D

Answer Option			
Option A	**Option B**	**Option C**	**Option D**
9 and 12	10 and 12	12 and 16	18 and 12

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer
2	5_28 Mathematics 9959	Playing with numbers	You have to make a 3-digit number using the number cards below. The number you form will DEFINITELY be	0 4 5	B

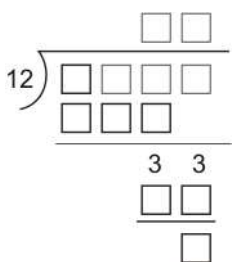| **Answer Option**			
Option A	**Option B**	**Option C**	**Option D**
Prime	Composite	Odd	Even

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
3	5_28 Mathematics 9980	Playing with numbers	How many numbers between 50 and 100 are completely divisible by 8?		B

Answer Option

Option A	Option B	Option C	Option D
5	6	8	10

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
4	2_10 Mathematics 5784	Playing With Numbers	The LARGEST 3-digit common multiple of 70 and 50 is		B

Answer Option

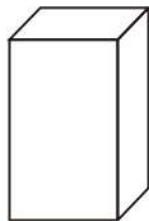| Option A	Option B	Option C	Option D
350	700	980	950

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
5	2_10 Mathematics 5792	Playing With Numbers	I think of a number, add 10 to it and divide the answer by 2. Let the resulting number is image shown here how can I get my original number back?		A

Answer Option			
Option A	**Option B**	**Option C**	**Option D**
Multiply the image by 2 and then subtract 10 from the result.	Divide image by 2 and then add 10 to the result	Multiply image by 2 and then add 10 to the result.	Add 2 to image and then divide the resulting number by 10.

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
6	2_10 Mathematics 5797	Playing With Numbers	Manju and Arif are playing a game in which one of them thinks of a number from the grid shown below and the other has to guess it using some clues that are given. Manju thinks of a number and gives the following clues .It is a multiple of 3. It is even. It is in the third row. What is Manju's number?		B

Answer Option			
Option A	**Option B**	**Option C**	**Option D**
6	12	15	18

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
7	2_10 Mathematics 5802	Playing With Numbers.	Geeta has a box containing red, blue and green bangles. If she takes out bangles from the box with her eyes shut, what is the MINIMUM number she has to take out to MAKE SURE that she has taken out a pair of the same colour?		B

Answer Option			
Option A	Option B	Option C	Option D
3	4	6	Depends on the number of bangles of each colour in the box.

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
8	2_10 Mathematics 5803	Playing With Numbers.	Look carefully at this number pattern 2, 8, 26, 80, ... Which of the following is the correct way of getting the FIFTEENTH number in this series?		B

Answer Option			
Option A	Option B	Option C	Option D
Multiply the fourteenth number by 4.	Multiply the fourteenth number by 3 and add 2 to the result.	Multiply the fourteenth number by 5 and subtract 2 from the result.	Subtract 54 from the sixteenth number.

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
9	2_10 Mathematics 5804	Plalying With Numbers.	Shown below is the picture of a digital clock or how many MINUTES each day (24 hours) does the clock display the digit '5' in the place shown by the arrow?		C

Answer Option			
Option A	Option B	Option C	Option D
10	24	120	240

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
10	2_11 Mathematics 5183	PLAYING WITH NUMBERS	A certain number is a multiple of 4. Which of the following MUST be a factor of this number?		D

Answer Option			
Option A	Option B	Option C	Option D
16	8	6	2

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
11	2_11 Mathematics 5188	PLAYING WITH NUMBERS	A prime number is a number, which is not completely divisible by any number except 1 and itself. Using only the information in the table given here, which of the given numbers can we say with CERTAINTY, IS NOT a prime?		D

Answer Option			
Option A	**Option B**	**Option C**	**Option D**
Only 63	Only 83	Only 91	63 and 91

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
12	2_11 Mathematics 5194	PLAYING WITH NUMBERS	Between 1 and 50 (excluding both these) how many numbers are there which will leave a remainder 1 when divided by 4?		B

Answer Option			
Option A	**Option B**	**Option C**	**Option D**
10	12	13	15

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
13	2_11 Mathematics 5195	PLAYING WITH NUMBERS	83 is a prime number because it has exactly two factors 1 and itself. Of the following, which number could be a prime?		D

Answer Option			
Option A	**Option B**	**Option C**	**Option D**
83+83	83×13	83+13	83-10

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
14	2_11 Mathematics 5209	PLAYING WITH NUMBERS	Some water got spilled on Asma's Maths book erasing most of the digits of a division problem that she had done. Using the digits that remained, Asma managed to figure out all the missing digits quickly and rewrote them. What was the quotient that she got?		C

Answer Option			
Option A	**Option B**	**Option C**	**Option D**
35	99	92	93

S.N.	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
15	2_11 Mathematics 5214	PLAYING WITH NUMBERS	Shalu wants to colour all the faces of this cuboidal solid. She decides that no two faces which have a common edge should have the same colour. What is the MINIMUM number of colours that will be needed to colour the solid the way she wants?		B

Answer Option			
Option A	Option B	Option C	Option D
2	3	4	6