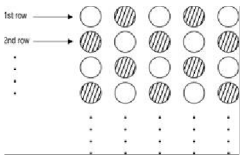
Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
1	**5_27 Mathematics 8381**	Integers Chapter 1	Consider this 'string' given below of 0's and 1's: Study this string of digits and the rules given below to answer the question. Rule 1: Starting from the left, replace every '11' in the string with '01' Rule 2: Starting from the left, replace every '001' in the string with '1' For example, if Rule 1 is applied to the string '0110', the result will be '0010'.If Rule 2 is then applied to this string '0010', the result will be '10'.'10' will be the final string, as Rules 1 and 2 have no effect on it. If Rule 1 is applied completely to the original string, what will be the new string obtained?		**C**

Answer Options			
Option A	Option B	Option C	Option D
1100000000000000	101000000000000	0100100101001010	10100000000000

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
2	**5_27 Mathematics 8382**	Integers Chapter 1	What will be the final string obtained if Rules 1 and 2 are applied consecutively on the original string?		**C**

Answer Options

Option A	Option B	Option C	Option D
111000000	1010101	0111011010	11

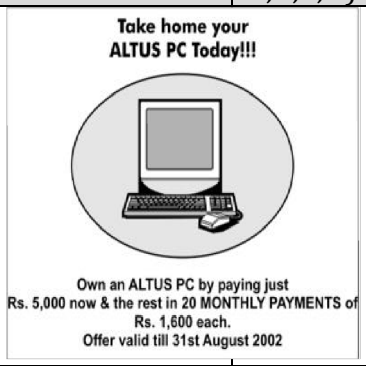
3	2_10 Mathematics 5836	Integers Chapter 1	Look carefully at the pattern below and answer the question. If this pattern is continued, after how many rows will there be exactly 100 shaded circles? If this pattern is continued, the row having 100^{th} shaded circle		A

Answer Options

Option A	Option B	Option C	Option D
40	50	100	200

4	2_10 Mathematics 5811	Integers Chapter 1	200000 divided by4000 is		B

Answer Options			
Option A	Option B	Option C	Option D
20	50	200	500

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)
5	2_10 Mathematics 5814	Integers Chapter 1	Francis bought an ALTUS PC in August 2002. What is the total price that he would be paying for it?		

Answer Options			
Option A	Option B	Option C	Option D
Rs 5000	Rs 32000	Rs 35500	Rs 37000

6	2_10 Mathematics 5817	Integers Chapter 1	□ and ○ are two whole numbers and □ × ○ = 23 Which of the following MUST NECESSARILY be true?		A

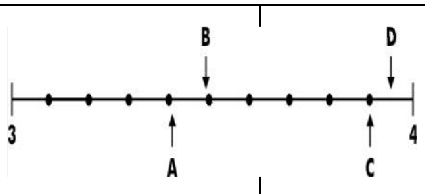
Answer Options			
Option A	Option B	Option C	Option D
○ + □ = 24	○ - □ = 22	○ × 1 = 1	Nothing can be sai

7	2_10 Mathematics 5818	Integers Chapter 1	The length of a regular, new (unsharpened) pencil is about		C

Answer Options			
Option A	Option B	Option C	Option D
0. 5 metre	15 inches	18 cm	25 feet

S. No.	Folder name & Question Code	Topic	Question with Answer Options	Image	Correct Answer (Option – A,B,C,D)
8	2_10 Mathematics 5822	Integers Chapter 1	Which of the following has the greatest value?		C

Answer Options			
Option A	Option B	Option C	Option D
(-1000) divide 10	(-100) divide 100	(-10) divide (-100)	100 divide (-10)

9	2_10 Mathematics 5807	Integers Chapter 1	Which arrow points closest to 3.49?		

Answer Options			
Option A	Option B	Option C	Option D
A	B	C	D

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
10	5-28 Mathematics 9992	Integers Chapter 1	15 −14 + 1 is equal to		D

Answer Options			
Option A	Option B	Option C	Option D
-2	0	1	2

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
11	5-28 Mathematics 9994	Integers Chapter 1	What amount should be filled in words in the cheque shown below?		B

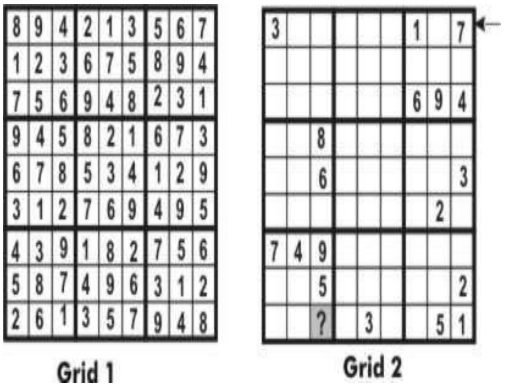
Answer Options			
Option A	Option B	Option C	Option D
Twenty lakhs sixty thousand eight hundred only	Two crores six lakhs eight hundred only	Twenty crores six lakhs eight hundred only	Twenty crores sixty lakhs eight hundred only

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
12	5-28 Mathematics 9997	Integers Chapter 1	Increasing 550000 by one thousandth of itself will give		C

Answer Options			
Option A	Option B	Option C	Option D
550005	550055	550550	555500

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
13	**5_28 Mathematics** 10026	Integers Chapter 1	A train, 100 m long, is standing exactly at the centre of a 150 m long platform. What is the LEAST distance that the train needs to travel before it passes the platform ENTIRELY?		**B**

Answer Options			
Option A	Option B	Option C	Option D
100 m	125 m	150 m	250 m

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
14	5_28 Mathematics 10030	Integers Chapter 1	In a "Sudoku" puzzle, a grid has to be filled with digits in such a manner that every row, every column and every 3 x 3 box contains EACH DIGIT from 1 to 9, without repeating any. The question is based on Sudoku Puzzle . Shown below are two Sudoku grids - one filled (Grid 1) and one partly filled (Grid 2). Which number should come in the shaded box in Grid 2?		B

Answer Options			
Option A	Option B	Option C	Option D
1	2	7	8

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option - A,B,C,D)
15	5_29 Mathematics 11324	Integers Chapter 1	Ramesh divided 3250 by 18 incorrectly and got the Quotient 179 and Remainder 28. FOR THIS PROBLEM, which of these checks will help Ramesh find out his mistake?		A

Answer Options			
Option A	Option B	Option C	Option D
Check if Quotient × Divisor + Remainder = Dividend.	Check his calculations of 18 ×1, 18×7 and 18 × 9.	Check if Remainder < Dividend.	Check if Remainder < Divisor.

SET 4 Mathematics Class VII

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