


Set- 15

Subject – Mathematics

Class- 8th


S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
1	1_4 Mathematics 7596	Playing with numbers	Which of these would be equal to the number itself?		D
Answers option					
Option A		Option B	Option C	Option D	
50% of 50% of a number		100% of 200% of a number	75% of 25% of a number	200% of 50% of a number	

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2	1_4 Mathematics 7575	Playing with numbers	23418 is exactly divisible by 6. Which of the following numbers will leave a remainder 2 when divided by 6?		C
Answers option					
Option A		Option B	Option C	Option D	
23412		23416	23420	23422	

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3	1_4 Mathematics 7576	Playing with numbers	The average height of Radhika, Gopu, Ashish and Komal shown above, is 118 cm. What is the SUM of their heights?		B
Answers option					
Option A		Option B	Option C	Option D	
156 cm	472 cm	590 cm	We can't say from the given information.		

S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
4	1_4 Mathematics 7577	Playing with numbers	Which of the following lists has numbers arranged in INCREASING order?		D
Answers option					
Option A		Option B	Option C	Option D	
-1/8, -1/7, 1/7, 1/8		1/7, -1/8, 1/7, 1/8	-1/8, -1/7, 1/8, 1/7	-1/7, -1/8, 1/8, 1/7	

S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
5	1_4 Mathematics 7580	Playing with numbers	$9.03 \div 899.8$ is closest to		A
Answers option					
Option A		Option B	Option C	Option D	
0.01	0.001	1	100		

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6	1_2 Mathematics 6913	Playing with Numbers	<p>n! is defined as the product of the first n natural numbers. For example, $4! = 1 \times 2 \times 3 \times 4 = 24$.</p> <p>What is?</p>		C											
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7	1_4 Mathematics 7581	Playing with numbers	Which of the following will have the maximum number of 6's when written in decimal form?		D
Answers option					
Option A		Option B	Option C	Option D	
666/1000		3/6	3/5	2/3	

S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
8	1_4 Mathematics 7582	Playing with numbers	If n is a negative number, which of the following would be a positive number for ALL values of n?		D
Answers option					
Option A		Option B	Option C	Option D	
$2n$		$n + 5$	n^3	$3n^4$	

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9	1_4 Mathematics 7588	Playing with numbers	What is $7799 \div 19$?		D
Answers option					
Option A		Option B	Option C	Option D	
Quotient = 41, Remainder = 0		Quotient = 41, Remainder = 9	Quotient = 41.4, Remainder = 14	Quotient = 410, Remainder = 9	

S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)	
10	1_4 Mathematics 7612	Playing with numbers	x is an integer and $5 - x > 15$. The largest possible value that x can take is		C	
Answers option						
Option A		Option B	Option C	Option D		
10		-10	-11	15		

S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)											
11	1_4 Mathematics 7613	Playing with numbers	If the pattern above is continued, what will it look like between 93 and 95?		C											
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12	1_4 Mathematics 7591	Playing with numbers	Which of these numbers will reduce the most in value if the 7 in it is changed to a 6?		C
Answers option					
Option A		Option B	Option C	Option D	
7.045×10^2	375.6×10^0	0.72×10^4	3.00007×10^5		

S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
13	1_4 Mathematics 7593	Playing With numbers	How many times would you have written the letter 'c' if you complete writing this pattern up to the end of the TENTH row?	<pre> a aba abcba abcdcba ⋮ </pre>	B
Answers option					
Option A		Option B	Option C	Option D	
10	15	19	45		

S.N	Folder Number & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
14	1_4 Mathematics 7594	Playing With numbers	In which row will there be 49 letters?	a aba abcba abcdcba ⋮	C
Answers option					
Option A		Option B	Option C	Option D	
7th	24th	25th	49th		

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15	1_2 Mathematics 6897	Playing with Numbers	The sum of two numbers is -6.5 and their difference is 4.5. What are the numbers?		C
Answers option					
Option A		Option B	Option C	Option D	
-1.25 and -5.25	1.25 and -5.25	-1 and -5.5	1 and -7.5		