Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
1	5_29 Mathematics 11413	Number System	Of all the children who attended a party, 40% were boys. 40% of the boys and 60% of the girls who attended the party chose ice cream for dessert. What percent of the children at the party chose ice cream?		A

Answer Options				
Option A	Option B	Option C	Option D	
52%	50%	42%	24%	

Q.N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
2	5_29 Mathematics 11428	Number System	Mr. Kaul deposits a fixed amount of money for a 5 year period. Some details of the account (Interest compounded annually) are given below: Principal on which interest is computed for the first year : Rs 40000 Interest earned for the first year : Rs 2000 Interest earned for the second year : Rs 2100 Interest earned for the third year : Rs 2205 The amount (Principal) on which the interest for the fourth year will be calculated is		C

Answer Options			
Option A	Option B	Option C	Option D
Rs 2,205	Rs 40,000	Rs 46,305	Rs 46,615

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
4	5_26 Mathematics 1640	Number System	In December 2001, a school had 1030 students. In 2002, the strength rose by 5%. But in 2003, the strength went down by 1%. The strength of the school at the end of 2003 was		C

Answer Options			
Option A	Option B	Option C	Option D
1030 x 4/100	1030(1 + 4/100)	1030(1 + 5/100)(1- 1/100)	1030 + 5/100 - 1/100

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
5	5_26 Mathematics 1647	Number System	Priti corrects the time on her watch at 8:45 a.m. But 3 hours later, it shows the time as 12 p.m.What time would her watch show when it is actually 12 p.m.?		A

Answer Options			
Option A	Option B	Option C	Option D
15 seconds past 12:16 p.m.	15 seconds past 12:01 p.m.	exactly 12:15 p.m.	exactly 12:30 p.m.

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
6	3_18 Mathematics 3385	ALGEBRA	See the measurements below with two sticks - one WHITE and one BLACK. What is the length of the black stick?	NOT TO SCALE	C
			Answer Options		
			Option A: 15 cm / Option B: 10 cm / Option C: 7. 5 cm / Option D: 4. 5 cm		
7	3_18 Mathematics 3386	ALGEBRA	If x + p + y = x + y + z, then which of the following MUST be true?		D
			Answer Options		
			Option A: p = y / Option B: y = z / Option C: y = x / Option D: z = p		
8	3_18 Mathematics 3388	ALGEBRA	$8^{7} - 8^{-7} =$		D
			Answer Options		
			Option A: 0 / Option B: 8^{14} / Option C: 8^{-49} / Option D: none of these		
9	3_18 Mathematics 3390	ALGEBRA	If $X \times 0.1 = 90$, what is X ÷ 0.1?		D
			Answer Options		
			Option A / Option B / Option C / Option D		

| | | | 9 | 90 | 900 | 9000 | |

10	3_18 Mathematics 3395	ALGEBRA	Which of the following expressions stands for the area of the rectangle shown below (in appropriate sq. units)?				D

Answer Options			
Option A	Option B	Option C	Option D
6x	6 + x	3x + 2	3(x +2)

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
11	3_18 Mathematics 3402	ALGEBRA	If we divide $x^3 + 3x$ by x, the result will be		D

Answer Options			
Option A	Option B	Option C	Option D
$x^2 + 3x$	$x^3 + 3$	2x + 3	$x^2 + 3$

12	3_18 Mathematics 3408	ALGEBRA	80 girls and 100 boys appeared for the class 10 board exam from Pratibha School. 25% of the girls who appeared and 10% of the boys got A grades. What percentage of the total number of students who appeared got A grades?		A

Answer Options			
Option A	Option B	Option C	Option D
16.70%	17.50%	25%	35%

13	2_11 Mathematics 5303	ALGEBRA	$(x + 1)^3$ is the same as		C

Answer Options			
Option A	Option B	Option C	Option D
$x^3 + 1$	$(x^2 + 1)(x + 1)$	$(x + 1)(x + 1)^2$	$x^3 + 3x^2 + 1$

| 14 | 2_11 Mathematics 4487 | ALGEBRA | A factory works 6 days every week and produces x bulbs every day. On an average 7 bulbs are defective every day. How many good bulbs will be produced in y weeks? | | A |

Answer Options			
Option A	Option B	Option C	Option D
6xy - 42y	6x - 7y	42x - 6y	(6x - 7) y

Q. N	Folder name & Question Code	Topic	Question with Answer Options	Image (If Any)	Correct Answer (Option-A,B,C,D)
15	2_11 Mathematics 4469	ALGEBRA	Which of these terms will appear in the simplest form of $(2x^3 + 2x^2 + x)(x^2-2x +2)$?		B

Answer Options			
Option A	Option B	Option C	Option D
$-2x^3$	x^3	$3x^3$	$6x^3$