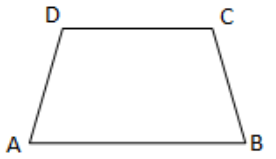
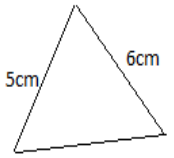
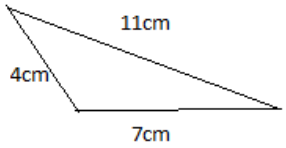
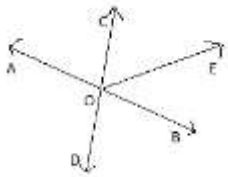
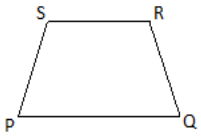
INDIAN SCHOOL MUSCAT – MIDDLE SECTION – DEPARTMENT OF MATHEMATICS

QUESTION BANK – MATHEMATICS – CLASS 6 – TERM :01 – (2019 – 20)

S.NO	MCQ
1	4538 estimated to its tens place is _____ a) 4530 b) 4540 c) 4580 d) 4830
2	_____ lakhs will make 5 millions a) 50 b) 500 c) 10 d) 4830
3	13 + 78 = 78 + 13 ; the property used here is _____ a) Associative b) Distributive c) Closure d) Commutative
4	The successor of 95 – 38 is _____ a) 64 b) 58 c) 68 d) 57
5	Two or more lines in a plane which do not meet each other are said to be _____ a) Concurrent Lines b) Intersecting Lines c) Parallel Lines d) None of these
6	The region in the interior of a circle enclosed by an arc and a chord is called a _____ a) Diameter b) Segment c) Sector d) Circumference
7	One complete revolution has _____ right angles. a) Only one b) Two c) Three d) Four
8	A polygon with eight sides is called a _____ a) Quadrilateral b) Decagon c) Octagon d) Hexagon
9	The prime factorization of 20 is _____ a) 5×4 b) 2×10 c) 2×2×5 d) 1×20
10	The L.C.M of 5 and 15 is _____ a) 30 b) 75 c) 15 d) 5
11	The LCM of 13 and 7 is _____ a) 1 b)13 c) 7 d)91
12	The number of right angles in one revolution is _____ a) 3 b)2 c)4 d)1
13	The successor of the least whole number is _____ a)0 b)1 c)2 d)4
14	3099 is rounded off to the nearest 100 is _____ a)3090 b)4000 c)3100 d)3000
15	The number of sides of a pentagon is _____ a) 7 b)4 c)5 d)6
16	The greatest one-digit prime number is _____ a)9 b)7 c)2 d)5
17	The number of diagonals for a triangle is _____ a) 0 b)1 c)3 d)2
18	The predecessor of greatest 3-digit number is ___ a)1000 b)99 c)999 d)998
19	The longest chord of a circle is_____ a) radius b)sector c)diameter d)arc
20	18÷ 0 is _____ a) 0 b)not defined c)18 d) none of these
21	The predecessor of 56100 is _____ a) 56099 b) 50599 c) 55099 d) 56909
22	The additive identity of whole number is _____a) 1 b) 2 c) 0 d) -1
23	The H.C.F of 540 and 541 is _____ a) 12 b) 0 c) 7 d) 1
24	A polygon having four sides is called a ____a) Triangle b) Pentagon c) Quadrilateral d) Hexagon.
25	The number of right angles turned through the hour hand of a clock when it goes from 4 to 7 is _____ a) 2 b) 1 c) 3 d) 4
26	The difference between the place value and the face value of 7 in 9728 is _____ a) 7 b) 0 c) 707 d) 693
27	The smallest whole number is _____. a) 1 b) 0 c) not defined d) 2
28	The number which is divisible by 9 is _____ a) 2032 b) 5886 c) 3206 d) 6034
29	In a quadrilateral PQRS, the two diagonals are _____ a) PQ and RS b) PR and RS c) PS and PR d) PR and QS
30	The measure of a _____ angle is the sum of the measures of two right angles. a) Straight angle b) Acute angle c) Complete angle d) Obtuse angle
	VSA-VERY SHORT ANSWER TYPE QUESTIONS
31	Round the number to the nearest hundred: 7 5 8 4 7
32	Is 5886 divisible by 9. (use divisibility test)
33	Classify the following types of angles. a) 190° b) 17°
34	How many whole numbers are there between 47 and 59?
35	Where will the hour hand of a clock stop if it starts from 1 and turns through 1 straight angle ?

36	Find the product of the greatest four digit number and the smallest three digit number.
37	Write the common factors of 18 and 30.
38	How many lines can pass through a) one given point b) two given points?
39	Write the successor of the greatest 6 digit number.
40	Which direction that a man will face if he starts from west and makes ¾ revolution anti-clockwise?
41	How many lines can be drawn through one point?
42	How many thousands make 4 lakh?
43	Find the seventh common multiple of 3 and 9?
44	Where will the hour hand of a clock stop if it starts from 8'o clock and turned through 1 right angle?
45	Name the property used in 2×5 = 5×2.
46	Find the highest common factor of 72 and 73.
47	5999 is the predecessor of 5998. (Write True or False)
48	Name the polygon with 6 sides.
49	Find the radius of a circle whose diameter is 10cm.
50	Write the numeral for ' six crore forty lakh thirteen thousand one hundred forty nine'
51	Write the greatest six digit number using the digits 5, 7, 3, 9
52	Write the numeral for Seventeen lakhs one hundred eighty nine.
53	Write the predecessor of the smallest 5 digit number.
54	9 ÷ 0 = 0 (Say true or false)
55	The chord which passes through the centre of a circle is 15.6 cm. Find its radius.
56	OP and OQ are two rays of an angle. Write the angle formed between them.
57	Write the number faces and the number of vertices of a cube.
58	An isosceles right triangle PQR, right angled at Q. Name its equal sides.
59	Write all the factors of 49.
60	Write all the prime numbers between 45 and 55.
	SA-I -SHORT ANSWER TYPE QUESTIONS
61	Write all the three digit numbers formed by the digits 7, 0, 5 without repeating the digits.
62	How many whole numbers are there between 89 and 256? (Show the working)
63	Draw a ΔABC and mark a point P in its interior and Q in its exterior.
64	From the adjacent figure (a) Name the diagonals (b) Name the angles adjacent to angle B 
65	Where will the hour hand of a clock stop if it starts from (a) 7 and turns through 2 right angles (b) 1 and turns through 3 right angles
66	Write the first four multiples of 16.
67	Write all the three digit numbers formed by the digits 7, 0, 5 without repeating the digits.
68	How many whole numbers are there between 89 and 256? (Show the working)
69	Estimate 1238 × 498 by rounding off each number to the nearest 100.
70	Draw a triangle ABC, mark a point A, B in its exterior and points P, Q in its region.
71	a) How many right angles do you make if you turn from north to south? b) Name the type of the angle whose measure is 169^0.
72	Using divisibility test, determine 31462 is divisible by 8 or not. (Show working)
73	How many whole numbers are there between 698 and 756?
74	Name the type of the following triangle in two different ways. a)ΔABC with AB = 4cm , BC = 3cm , AC = 6cm and $\angle B = 120^0$ b) ΔDEF with $\angle D = 90^0$, DF = 6cm and DE = 6cm
75	Arrange in Ascending order: 8750296, 2653410, 800295, 6798234
76	Write the greatest 4 digit number and find the prime factorization of the number.

77	Solve (using suitable properties) 65 x 101 - 65
78	  Name the triangle in two ways. (I) (ii)
79	 From the given figure , write a) a pair of intersecting lines b) a pair of opposite rays c) name of an acute angle
80	Where will the hand of a clock stop if it 1) Starts at 6 and makes ¾ of revolution clock wise? 2) Starts at 2 and makes ½ of revolution clockwise?
	SA-II -SHORT ANSWER TYPE QUESTIONS
81	Find the sum of the greatest and the least number formed by using the digits 4, 8, 0, 3, 7 only once.
82	Ramona spent Rs. 3, 45,472 and her friend Sheetal spent Rs. 3, 62,945. Who spent more and by how much?
83	Find the product of 8 × 50 × 2 × 125 by suitable rearrangement.
84	Use suitable property and simplify 58 × 23 – 23 × 8
85	In the following figure write (i) The side opposite to PS (ii) Angle opposite to ∠R (iii) Sides adjacent to QR 
86	Find H.C.F of 72 and 48 by continued division method.
87	Using test of divisibility check 376948 is divisible by 11.
88	Find the sum by suitable rearrangement 1468 + 2193 + 532 + 1807.
89	A car travels 45km 678m on one day and 33km 913m the next day. How much more distance the car travelled on one day? Give answer in km.
90	Draw a quadrilateral PQRS , draw its diagonals and write a) a pair of opposite sides. b) a pair of adjacent angles
91	Find the direction you will face if you start facing a) North and make $\frac{1}{2}$ revolution clockwise. b) East and make $\frac{3}{4}$ revolution anticlockwise. c) West and make one revolution.
92	Using divisibility tests, determine 3178965 is divisible by 11 or not.
93	Find the product of 639 × 1002 by using distributive property.
94	Simplify : 41 – $[16 - \{(2 \times 3) \div 3\}]$
95	Find the HCF of 18, 54, and 63.
96	Insert commas and write the number name in words in both Indian and International system of numeration. 9 3 5 0 1 0 3 4
97	Find the product by suitable properties. 8 x 40 x 125 x 25
98	Where will the hour hand of a clock stop if it starts a) From 10 and turns through 2 right angles. b) From 5 and turns through 3 right angles. c) From 2 and turns through 1 right angle.

99	Find the HCF of 120, 144 and 204 by division method.
100	Draw a quadrilateral 'PQRS'. Name its a)Two pairs of opposite sides. b) Two pairs of adjacent sides. c) Diagonals.
101	Find the difference between the greatest 5 digit number and the smallest 5 digit number formed by using 2, 9, 8, 3, 0 only once.
102	Simplify (using properties) :475 x 750 + 475 x 249 + 475
103	Find the smallest number which when divided by 15, 20 and 48 leaves a remainder of 9 in each case.
	LA –LONG ANSWER TYPE QUESTIONS
104	Find the product (using properties) 1005 x 995
105	Check the divisibility of 3176985 by 3 and 11
106	Which direction will you face if you start facing: a)North and makes ¾ of a revolution anti clock wise. b) West and make 1½ of a revolution clockwise
107	Find the LCM of 72, 96, 160 by division method.
108	Draw a circle and mark a) Its centre d) a segment (shaded) b) diameter e) an arc c) sector f) a chord
109	Evaluate by suitable rearrangement. 3983 + 247 + 417 + 553
110	Find the least number which when divided by 20, 30, 40 leave remainder 7 in each case.
111	a) Find the number of right angles turned through by the hour hand of a clock when it goes from (i) 9 to 6 (ii) 1 to 7 b) Name any two types of quadrilaterals. c) Write the type of the angle formed at the point of intersection of perpendicular lines.
112	Simplify using suitable property 3905 × 63 + 30 × 3095 + 3905 ×7
113	a) Check the numbers 14 and 42 are co-prime numbers or not. (Show working) b) Write down separately the prime and composite numbers between 40 and 50.
114	a) Find the product by using suitable rearrangement 125 × 2 × 8 × 40. b) Find the product of the least natural number and greatest 6- digit number.
115	A man supplies 27 kg rice in the morning and 23 kg rice in the evening to a restaurant. If the cost of rice is Rs. 34.50 per kg then how much money is due to the man in a week?
116	Write the type of triangles based on the sides and angles (a) In Δ ABC, $\angle A = 90°$, $\angle B = 40°$ and $\angle C = 50°$ (b) In Δ XYZ, XY = 4.5 cm, YZ = 5.8 cm and ZX = 4 cm (c) In ΔPQR, $\angle P = 130°$, $\angle Q = 20°$ and $\angle R = 30°$ (d) In ΔDEF, DE = EF = FE
117	Find the least number which when divided by 30, 45 and 50, leaves a remainder 3 in each case.
118	Using test of divisibility check whether 329814 is divisible by (a) 6 (b) 9 (c) 4