GREENLAWNS SCHOOL, WORLI Final Examination 2019 – 2020 MATHEMATICS

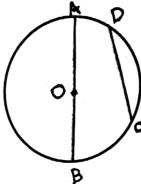
MARKS: 8 TIME: 2 hr Name:	STD: \	MATHEMATICS	
Name:			MARKS: 80
Section A is to be answered on the question paper. Attach Section A to your answer book. Rough work must be shown on the same page as the sum and not on a separate page. Section A (40 marks) Question 1 Fill in the blanks: a. If the sum of the measures of two angles is, then they are called 'supplementary angles'. b. $\frac{7 \times }{4 \times } = \frac{35}{20}$ c. $\frac{1}{4} - 10 \mid =$ and $\frac{1}{4} + 81 \mid =$ d. 20 cm and 9mm = mm e. Complementary angle of 51° is f. 2 (2474 + 526) = g. 111 x 111 = h. 25 lakhs, 6 thousand and 4 tens, write in numerals i. 16 - (-27) = j. One - fourth of a circle is sestion 2 a. Find the area of a rectangle, with length 15cm and breadth 9cm. [2] b. Arrange the following numbers in ascending order and represent them on number line. [2] Arrange the following numbers in descending order and represent them on number line.			TIME: 2 hrs
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	Arra	nge the following numbers in descending order and represent them of 3, -9, 8, -12, 2, 9	on number line. [2]

d.	A man borrowed Rs 900. He	repaid it with an interest of	Rs 90. Find the amount. [2]
e.	The diameter of a circle is 5.4	Icm. Find its radius.	[2]
Quest a.	tion 3 A motor cyclist covers a distated taken to cover this distance.	ince of 20km at a speed of	f 10 km/hr. Calculate the time [2]
			[2]
b.	Solve: - 530 - (- 474) + (- 27	(). 	
 с.	Find the Perimeter of a triang	gle whose sides are 4 cm,	5 cm and 6 cm. [2]
d.	Following is the choice of sw Ladoo, Barfi, Ladoo, Jalebi, Jalebi, Jalebi, Rasgulla, Lad Rasgulla, Rasgulla, Jalebi, F Rarange these sweets in tab	veets of 30 students of class Ladoo, Rasgulla, Jalebi, Ladoo, Rasgulla, Jalebi, Ladoo, Rasgulla, Ladoo, Rasgulla, Ladoo, Rasgulla, Jalebi, Ladoo, Rasgulla, Ladoo, Rasgulla, Ladoo, Rasgulla, Jalebi, Ladoo, Rasgulla, Radoo, Rasgulla, R	adoo, Barfi, Rasgulla, Ladoo, Barfi, O, Rasgulla, Ladoo, Ladoo, Barfi, Jalebi, Ladoo. [4] Frequency
	Arrange these sweets Sweets	Tally Marine	
	17	2	

Question 4

a. Read the figure given alongside and fill in the blanks.





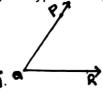
- i. The centre of the circle lies at the point ____
- ii. _____ is a chord.
- iii. is a largest chord of the circle.
- b. Mrs Zee, teacher of grade 5 recorded the favourite beach activities of her class. She made a pie graph based on the results. Study the graph and answer the questions. [3]

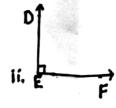


- i. Activity least popular among the fifth grade_____
- ii. Percentage of students liking activities other than Building sand castle is
- iii. Activities are equally popular are

[4]

c. Identify the types of angles.







iv.			
	` ` ` `	7	u

- ìi.
- ____
- iii. _____
- 1v. _____

Section - B (40 Marks)

Question 5

a. The perimeter of a rectangle is 16m and its length is 4m. Find its area. a. The perimeter of a Tourish the help of protractor and bisect it.
b. Draw a right \(\sumset \text{STU} \) with the figure given below

[3]

[3]

Calculate the area of the figure given below.

[4]

(All corners are right angles and all measures are in cm.) 2

Draw an ∠ RST measuring 120° with a compass, and bisect it. Check by a protractor Question 6

b. Atrain travelled from Howrah to Kharagpur at 50km/hr. It covered the distance in 2hr 18mins. Find the distance between Howrah and Kharagpur.

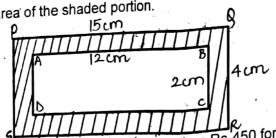
c. The number of students present on Monday in different classes of a primary school is given below in the table. Represent it in bar graph

en below in the table. Repres	ent it in ban		III	IV
Class No. of students present	33	38	30	40

Question 7

a. Find the area of the shaded portion.

[3]



b. Calculate the simple interest and amount on Rs 450 for 3years at 5% per annum simple interest

c. Draw a circle of radius 4 cm and mark O as its centre. Where do the points A, B, and C lie if OA = 8cm, OB = 4cm, and OA if OA = 8cm, OB = 4cm, and OC = 3.5cm?

Question 8

a. If the perimeter of a square field is 288m, find its area.

[3]

b. An aeroplane flew 3600km in 4hours.

Find its

Speed in m/sec.

[3]

e. Draw a line segment PQ of length 6cm and take a point X above PQ, Draw perpendicular from X to line segment PQ from X to line segment PQ.

4