

Bidhya Mandir

Set - 1

"Smart e-Learning Platform"

Model Questions - 2082

Class: 5(Five)

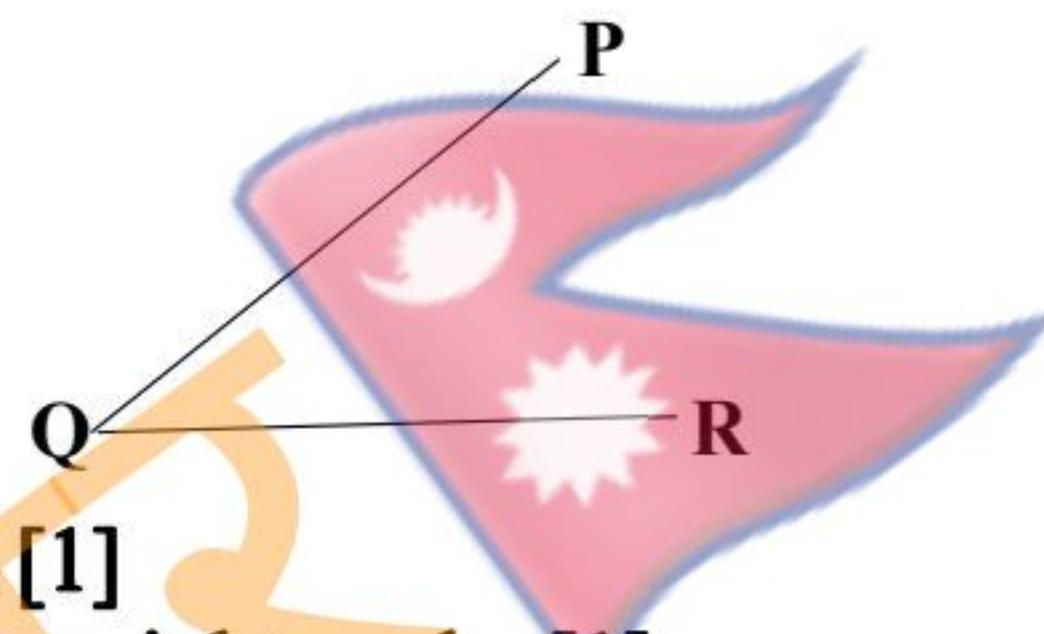
F.M: 50

Subject: Mathematics

Time: 2hrs.

Attempt all the questions

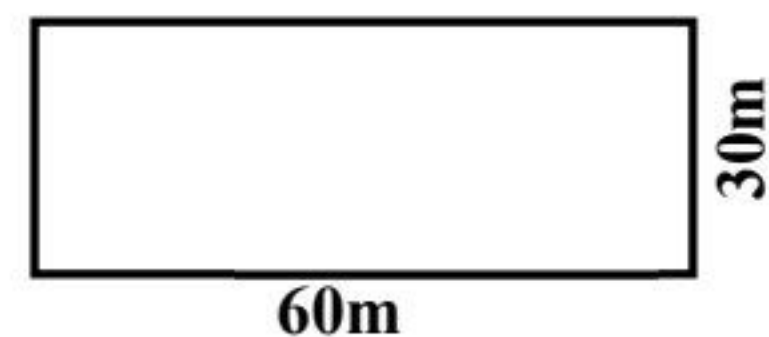
1. Look at the given figure alongside and answer the following questions.



- (i) Name the angle. [1]
- (ii) Measure the angle using protractor. [1]
- (iii) Write whether it is an acute, obtuse or right angle. [1]
- (iv) What is the sum of three angles of a triangle? Find the value of x° , if the three angles of a triangle are 45° , x° and 100° . [2]
2. (i) What type of solid shape do you get when you keep rectangular papers one above another? [1]
- (ii) Draw a figure of a cube and show its vertex, face and edge. [2]
3. Ajaya bought a house in Dang at Rs. 4367953264.
- (i) Write the cost of land according to the international system using comma (.). [1]
- (ii) Write the number 4367953264 in words according to the international system of numeration. [1]
- (iii) Write 4367953264 in expanded form. [2]
- (iv) Write the place value of 9 in the above number in words according to the international system. [1]
4. (i) The present age of a father is 47 years. Write down whether it is a prime or composite number. [1]

Symbol Number: _____

- (ii) 1, 2, 3, 4, 6 and 12 can divide 24 exactly without remainder. What do we call the numbers 1, 2, 3, 4, 6 and 12? [1]
(iii) Find the first five multiples of 2 and 3. Also, write the common multiples. [2]
5. Simran added 5 to the product of 10 and 3.
(i) Write the above sentence in a mathematical expression. [1]
(ii) Calculate the final result. [1]
(iii) Simplify: $5 \times 3 - 5(80 \div 8)$ [2]
6. In a class, there are 25 students. Among them, 15 are girls.
(i) Write the fraction of girl students. [1]
(ii) What percentage of the students are boys? [1]
(iii) If 5 students were absent on Sunday, what fraction of the students were present on that day? Also, find the percentage of absent students on that day. [2]
7. Asmita watched a Nepali film "AAMA" from 11:30 am to 1:45 pm in a cinema hall.
(i) Write the ending time of the movie in 24-hour clock system. [1]
(ii) Find the duration of film. [1]
(iii) If the average weight of each person is 55kg 300g, find the total weight of 20 people. [2]
(iv) Divide: $(40l \ 500 \ ml) \div 4$. [2]
8. (i) Find the perimeter of the given ground. [1]



- (ii) The length and breadth of a rectangular room are 9cm and 5cm respectively. Find its area. [2]
(iii) Calculate the volume of a cube whose length of each side is 3cm. [2]

Symbol Number: _____

9. Study the given bill and answer the following questions.

GALAXY STATIONERY				
GHORAH-17, DANG			Bill No. 9087	
Customer Name: Simran Tamang			Date: 2081/02/21	
Address: Naya bazar				
S.N.	Particulars	Quantity	Rate(Rs.)	Amount (Rs.)
1	Geometry Box	2	150.00	300.00
2	Pen	20	45.50	910.00
3	Math Book	2	395.00	790.00
4	Copy	10	100.00	1000.00
	Total			3000.00

In words: Three thousand rupees only.

- Goods once sold will not be taken back.

Manisha
Shopkeeper

- (i) What is the name of the shop and where is it? [1]
- (ii) What items were bought from the shop? [1]
- (iii) Simran Tamang has only Rs.2700 only. How much money is insufficient to clear the bill? [1]

10. There are 20 students in grade-1, 30 students in grade-2, 25 students in grade-3, 35 students in grade 4 and 15 students in grade-5.

- (i) Present the number of students and their corresponding class in a table. [1]
- (ii) Draw a bar graph from the given data in a square grid paper. (Graph paper should be given). [2]

11. Mahima has Rs. $(2x + 5)$ and her friend Shristi has Rs. 20 more than Mahima.

- (i) How many terms are there in the expression $(2x + 5)$? [1]
- (ii) Write the money that Shristi has in terms of x. [1]
- (iii) Find the total amount of money that Mahima and Shristi have. [1]
- (iv) If $x = 2$, find that amount of Mahima and Shristi have. [1]

Symbol Number: _____

12. When 35 is subtracted from a number x , the result is 50.
- (i) Write the remainder in terms of x . [1]
 - (ii) Find the value of x . [2]
 - (iii) What would be the remainder, if y is subtracted from x ? [1]

 The End 

