

**RAJIV VIDYA MISSION (SSA), A.P., HYDERABAD**  
**SUMMATIVE TEST - MATHEMATICS**

**Subject: Mathematics****Class: 6****Time :  $2\frac{1}{2}$  hrs.****Name of the student:.....****R. No. .....**

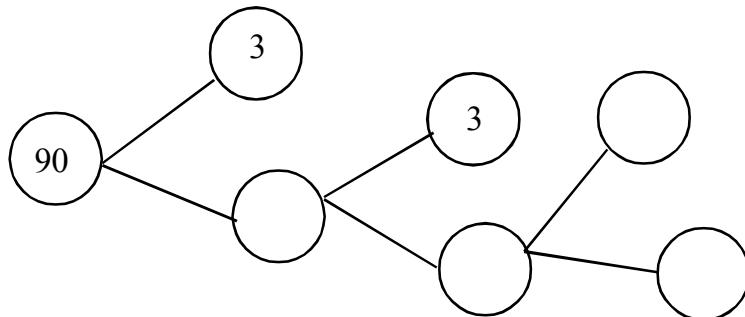
Acad. Std.	Problem Solving				Reasoning & Proof				Communication				Connections				Repräsentation				Overall grade				
Qn. Nos.	1	2	6	16	25	4	7	8	9	12	5	10	13	14	17	3	18	20	21	24	11	15	19	22	23
Q. wise Grade																									
Acad. Std. wise grades																									

**I Attempt the following.**

- 1) A daily news paper contained 18 pages per copy. In one day 16,848 copies were printed. How many pages were printed on that day?
- 2) Find the product of  $25 \times 82$  by using distributive law.
- 3) Find the capacity of the largest vessel to measure the all three different types of oil correctly having different capacity  $32l$ ,  $24l$ ,  $48 l$ .
- 4) Whether the whole numbers satisfy the closure property or not with respect to subtraction and multiplication. Give some examples to justify your answer.
- 5) Distinguish between set of whole numbers and set of integers.

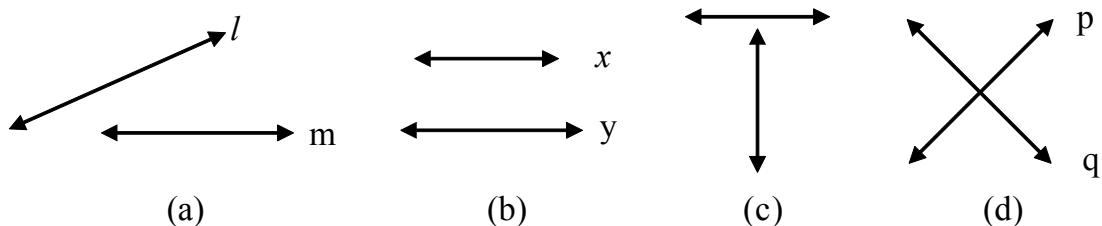
**II Attempt the following.**

- 6) Find the HCF of 504, 792.
- 7) Write the greatest and smallest four digit number to formed by 4, 3, 7 and 9. (use the digit only one for each number formed)
- 8) Write the number which are exactly divisible by 11 between 1000 and 1100.
- 9) 90 is to be expressed as a product of prime numbers given below. Write the missing numbers.



- 10) How can you justify the associate property in whole numbers?

- 11) The programme held in stadium is witnessed by 8627 spectators. Round off 8627 to the nearest thousand.
- 12) When do you say that the a triangle cannot be formed by the given three points?
- 13) Why is the divider used to measure the length of a line segment?
- 14) Prasad and Raju met in a market on 1<sup>st</sup> of this month. Prasad used to go to the market once for every 3 day and Raju for every 5 days. On what day they would meet again? How to solve this problem. Write the procedure.
- 15) Observe the figures and fill the table.



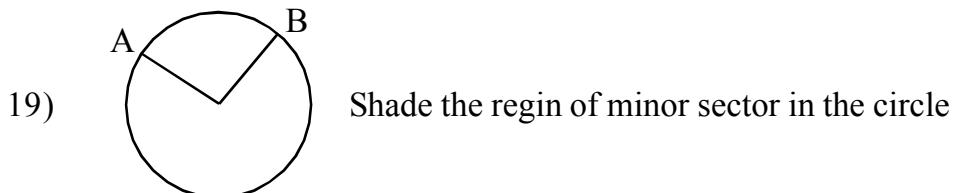
Lines	Figure
Interesting lines	
Perpendicular lines	
Parallel lines	

### III Answer the following.

16)  $(-4) + (-6) - (-7) + 5 = \dots\dots\dots\dots\dots$

17)  $40,000 + 700 + 20 + 7 = \dots\dots\dots\dots\dots$

18) At what time two hand of a clock make



20)  $1 + 3 = 2^2 = 4$

$1+3+5 = 3^2 = 9$

$1+3+5+7 = 4^2 = 16$

$1+3+5+\dots\dots+13 = \dots\dots\dots$

21) Give an example for Quadri lateral in your surroundings.

22)  $\overline{AB} = \dots\dots\dots$  cm

23) Which of the following obtuse angle ( )  
 a)  $45^\circ$       b)  $90^\circ$       c)  $120^\circ$       d)  $181^\circ$

24) What is the angle of corner in a four walled room.

25) Which of the following is a co-prime?

- a) 3, 7      b) 7, 9      c) 11, 13      d) 21, 29