

FORMATIVE ASSESSMENT - I (A.P)**9A**

● CCE MODEL ●

SYLLABUS

- ★ Units And Graphs
- ★ Motion

PHYSICAL SCIENCE**CLASS - 9****Time : 45 Min.****Marks : 20**

	Project Work	Lab Activity	Written Works	Slip Test	Total
Allotted Marks	10	10	10	20	50
Scored Marks					

I. Answer the following questions : 4 × 1 = 4 M

1. How do you find the area of the book ?
2. Which fundamental quantity is used to derive area ?
3. An ant is moving on the surface of a ball. Does its velocity change or not ? Explain.
4. The direction of up and down are not same on the globe. Why do we observe these changes ?

II. Answer the following questions : 2 × 2 = 4 M

5. Calculate the average speed of "Usain Bolt" who sprinted 100m in 9.81 sec during 2016 Rio Olympics to win Gold medal.
6. When do you say that given quantities are inversely proportional?

III. Answer the following questions : 2 × 4 = 8 M

7. See the graph, answer the following questions.

(Consider a body moving along a straight line.)

- a) What kind of motion does the body possess from $t = 0s$ to $t = 10s$?
- b) What is the velocity at $t = 5s$?
- c) What is the distance covered in $5s$?
- d) What is the velocity at $18s$?

