CLASS IX (PHYSICS)

BCM SCHOOL BASANT AVENUE DUGRI

Ques1. What does path of object look like if body is having uniform motion

Ques2. A cyclist goes around a circular path once in every 2 mins. If radius of the circular track is 105m.calculate it's speed.

Ques3. Give example of a situation in which boy has a certain average speed but it's average velocity is zero

Ques4. What is the difference between Uniform Accelerated and Non Uniform accelerated motion?

Ques5. 3. A ball is thrown upwards and it goes to the height of 100 m and comes down

   A) **What is the net displacement?**
   B) **What is the net distance?**

Ques6. A bullet hits a Sandbox with a velocity of 20 m/s and penetrates it up to a distance of 6 cm. Find the deceleration of the bullet in the sandbox.

Ques7. An object moves along a straight line with an acceleration of 2 m/s2. If its initial speed is 10 m/s, what will be its speed 2 s later?

Ques8. A car starts from rest and acquires a velocity of 54 km/h in 2 sec. Find

   A) **The acceleration**
   B) **Distance traveled by car (assume the motion of the car is uniform)**