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SUBJECT:- PHYSICS

CLASS:- IXTH

DATE:27/07/XX

SUBJECT TEACHER:- MR. NEEL NIRANJAN

CHAPTER 1. (MOTION REVISION) (BASED ON NCERT PATTERN)

Question 1. An example of a body moving with constant speed but still accelerating is

- (a) A body moving with constant speed on a straight road
- (b) A body moving in a helical path with constant speed
- (c) A body moving with constant speed in a circular path
- (d) A body moving with constant speed on a straight railway track

Question 2. A worker covers a distance of 40 km from his house to his place of work, and 10 km towards his house back. Then the displacement covered by the worker in the whole trip is

- (a) zero km
- (b) 10 km
- (c) 30 km
- (d) 50 km

Question 3. A player moves along the boundary of a square ground of side 50 m in 200 sec. The magnitude of displacement of the farmer at the end of 11 minutes 40 seconds from his initial position is

- (a) 50 m
- (b) 150 m
- (c) 200 m
- (d) $50\sqrt{2}$ m

Question 4. An object travels 40m in 5 sec and then another 80m in 5 sec. What is the average speed of the object?

- (a) 12 m/s
- (b) 6 m/s
- (c) 2 m/s
- (d) 0 m/s