

FA-2 WORKSHEET

CLASS-IX

SUBJECT-PHYSICS

1-Define uniform uniform circular motion.

2-Deduce an equation for velocity-time relation. ($v^2-u^2=2as$)

3-Define force and give its units.

4-Define Newton's first law of motion.

5-Define balanced and unbalanced forces.

6-A ball is gently dropped from a height of 20m if its velocity increases uniformly at the rate of 10m/s^2 . With what velocity will it strike the ground? After what time will it strike the ground?

7-What can you say about the motion of a body if its

a) displacement-time graph is a straight line passing through the origin?

b) velocity-time graph is parallel to the time axis?