

Worksheet: 2

Subject: - Physics

Class: - IX

Teacher: - Mrs. Kuljeet Kaur

Name: _____ Class & Sec: _____ Roll No. _____ Date: __.04.2020

Motion

1. Is absolute rest possible?
2. Are distance and displacement equal in magnitude?
3. Is distance a vector quantity?
4. Define scalar quantity and give two examples.
5. Define rest and motion and give two examples of each.
6. A runner running along a circle, runs the circle completely. What is his displacement? What distance has he run?
7. Distinguish between rest and motion.
8. Write difference between distance and displacement.
9. Can a body be at rest and motion at the same time? Explain.
10. When do we say that body is at rest and when do we say that it is moving? Explain.
11. Give two examples to explain that motion is relative.