Seven Star Sr. Sec. Pub. School, Bani Monday Test

Subject – Science Class – 7th

MM -25 **Time- 1 HOUR 20 MINUTES**

SECTION A: This section contains:

Multiple Choice Questions (MCQs)

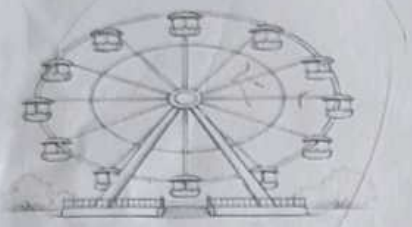
- **Fill in the Blanks**
- **True or False**
- **Assertion–Reason Questions**
- **Match the Columns**

MCQs (1/2× 2= 1 Mark)

1. Image: A wheel of a Ferris wheel keeps returning to its starting position after equal intervals of time. This is an example of:

A. Random motion B. Periodic motion

C. Non-uniform motion D. Rectilinear motion



2. The time taken by a pendulum to complete one oscillation is called a) frequency b) time period c) amplitude d) speed

Fill in the Blanks (1/2 × 2 = 1 Marks)

3. The SI unit of time is _____

4. The formula to calculate speed is _____

True or False (1/2 × 2= 1Mark)

5. Speed is the distance travelled by an object in one unit of time_____

6. A bus moving through city traffic is an example of uniform motion _____

7. Match column A with column B (1 mark).

Column A	Column B
a) Odometer	1. Vehicle travelled a distance 50 km
b) Time	2. 20 km/ 4km/h
c) Non-uniform motion	3. Runner in a race
d) Uniform motion	4. Car moving at constant 60 km/h

Options: a) A–1, B–2, C–3, D–4 b) A–2, B–1, C–4, D–3 c) A–4, B–3, C–1, D–2 d) A–3, B–4, C–2, D–1

Assertion and Reason (1 × 2 = 2 Marks)

8. Assertion (A): A car moving at a constant speed covers equal distances in equal intervals of time. **Reason (R):** Motion in which an object covers unequal distances in equal intervals of time is called uniform motion. a) Both A and R are true and R is the correct explanation of A. b) Both A and R are true but R is not the correct explanation of A. c) A is true but R is false. d) A is false but R is true.