



GRADE: IX Date:31.07.2023	MONTHLY TEST 1 (2023-24) SCIENCE	Marks: 20 Time: 50 minutes
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Q.No.	Questions	Mark
Section A		
Choose the correct answer		
1	Cooking gas is known as LPG (Liquified Petroleum Gas). How can a gas be liquified? (a) When pressure is applied to the gas (b) When temperature of the gas is increased (c) When gas is mixed with a liquid substitute (d) When the force of attraction between particle is reduced	1
2	SI unit of acceleration is: (a) m/s (c) ms ² (b) m (d) m/s ²	1
3	Which of the following are usually digested or degraded by lysosomes? (a) ATP molecules (c) Old organelles of the cell (b) Oxygen molecules (d) Carbon dioxide molecules	1
4	The moon revolves around the earth in a circular orbit, with uniform speed. This motion is: (a) Uniform (c) Accelerated (b) Non uniform (d) De-accelerated	1
5	The function of Golgi body includes: (a) Degradation and elimination of waste substances (b) Storage, modification, and packaging of products in vesicles (c) Synthesis of lipids and proteins (d) Providing rigidity and turbidity to the cell	1
Section B		
Answer The Following		
6	What is plasma membrane? Why is the plasma membrane called a selectively permeable membrane?	2
7	Distinguish between distance and displacement.	2
8	Explain why solids have fixed shape but liquids and gases do not have fixed shape.	2

Short Answer Questions		
9	A farmer moves along the boundary of a square field of side 10 metres in 40 seconds. What will be the magnitude of displacement of the farmer at the end of 2 minutes 20 seconds from his initial position?	3
10	What is evaporation? Why are we able to sip hot tea faster from a saucer than a cup?	3
11	What are mitochondria? Why does mitochondria have largely folded inner membrane?	3
THE END		