



INDIAN SCHOOL MUSCAT  
FIRST PERIODIC ASSESSMENT  
SCIENCE - 086



CLASS: IX

MAX.MARKS: 20

Marking Scheme

PHYSICS		
1	When a body covers equal distances in equal intervals of time, however small the intervals may be, the motion is said to be uniform.	1
2	When the object moves along a straight line without changing direction.	1
3	Any Two differences between speed and velocity.	2
4	Average speed is obtained by dividing total distance travelled by total time taken. $v=54\text{km/h} = 15\text{m/s}$ ; i) $t=60\text{s}$ $s = v \times t = 15 \times 60 = \mathbf{900m}$ ii) $s = v \times t = 15 \times 1 = \mathbf{15m/s}$	3
CHEMISTRY		
5.	(d) Protons and Neutrons	1
6.	(a)	1
7.	Milk is not a pure substance, because milk is the mixture of many pure substances mixed in different proportions such as water, fats, and proteins.	2
8.	(a) Definition-1 Mark (b) Each one identification -1/2 Mark (4x1/2)	3
BIOLOGY		
9	Plasma membrane allows the entry and exit of some materials and prevent the movement of some other materials through it.	1
10	1. Rudolf Virchow 2. Neuron/nerve cell 3. Robert Brown 4. Amoeba ( $\frac{1}{2} \times 2=2$ marks)	2
11	a. Because the whole body of living organisms are made up of cells. b. Diffusion is the movement of materials from a region of high concentration to a region of its lower concentration. c. Oxygen and carbon di oxide ( $\frac{1}{2} + \frac{1}{2} =1$ mark) (or any other)	3