

INDIAN SCHOOL MUSCAT

NAME OF THE EXAMINATION	FIRST PERIODIC TEST	CLASS: X
DATE OF EXAMINATION	21.04.2022	SUBJECT: SCIENCE (BIOLOGY)
TYPE	MARKING SCHEME	

SET	Q.NO	VALUE POINTS	MARK
		SET A	
	17	Chlorophyll	1
	18	Enzymes	1
	19	(i) Definition -1m (ii) Correct equation. (1 mark)	2 marks
	20	(i) Diagram ($\frac{1}{2}$) (ii) correct labels ($\frac{1}{2} + \frac{1}{2}$) (iii) guard cells regulate / control the opening and closing of stomata ($\frac{1}{2}$)	2 marks
		SET B	
	17	Starch, glycogen	($\frac{1}{2} + \frac{1}{2}$)
	18	It is taken up from the soil by the roots in terrestrial plants	1 mark
	19	(i) Diagram ($\frac{1}{2}$) (ii) Correct labels ($\frac{1}{2} + \frac{1}{2}$) (iii) Absorption of light energy during photosynthesis? ($\frac{1}{2}$)	2 marks
	20	(i) Correct equation (1 mark) (ii) Because all the cells are not in direct contact with the surrounding environment (1 mark)	2 marks
		SET C	
	17	Desert plants	1 mark

	18	because the entire surface of the organism is in contact with the environment	1 mark
	19	(i) For protein synthesis (1mark) (ii) Correct equation (1 mark)	2 marks
	20	(i) Diagram ($\frac{1}{2}$) (ii) correct labels ($\frac{1}{2} + \frac{1}{2}$) (iii) guard cells regulate / control the opening and closing of stomata ($\frac{1}{2}$)	2 marks