

CLASS: XI	INDIAN SCHOOL MUSCAT FIRST PERIODIC TEST	SUBJECT: BIOLOGY
	SET - C	
QP.NO.	VALUE POINTS	SPLIT UP MARKS
1.	Tonoplast	1
2.	Reserve material in prokaryotic cells are stored in the cytoplasm in the form of inclusion bodies.	1
3.	S phase or the synthesis phase is the period in which DNA synthesis or replication takes place.	1
4.	In the zygotene stage of Prophase of Meiosis I the homologous chromosomes pair by a process called synapse resulting in the formation of synaptonemal complex.	1
5.	Leptotene, Zygotene, Pachytene, Diplotene	2
6.	When a cell undergoes Meiotic Division, each daughter cell receives half the number of chromosomes than its parent's cell.	2
7.	In plant cells the cell plate forms that represents the middle lamella in the cytoplasm, whereas in animal cells the plasma membrane forms a furrow which gradually deepens and joins in the centre dividing the cytoplasm into two	2
8.	There is a genomic DNA that control the heredity characters and smaller DNA outside called the Plasmids that might provide the bacteria with resistance to antibiotics.	2
9.	Lysosomes have hydrolytic enzymes like lipases, proteases, carbohydrases. They are called suicidal bags	2
10.	Process of crossing over of non-sister chromatids in a homologous chromosome. Crossing over is the exchange of genetic material between two homologous chromosomes. This happens in presence of enzyme recombinase in the pachytene stage of prophase of Meiosis I.	3
11.	Chloroplasts are double membrane bound, with the inner space called stroma. In the stroma are flat membranous sacs called Thylakoids arranged in stacks called grana. The stroma lamellae connect the thylakoids. The stroma contains enzymes required for the synthesis of food and the thylakoids contain the chlorophyll.	3