

CLASS:

INDIAN SCHOOL MUSCAT

BIOLOGY

12

**FIRST PERIODIC ASSESSMENT**

**SET - C**

QP.NO.	VALUE POINTS	SPLIT UP MARKS
1.	a) Menstrual cycle b) oestrous cycle	$\frac{1}{2} + \frac{1}{2}$
2.	Glandular tissue and fats	$\frac{1}{2} + \frac{1}{2}$
3.	Monoecious- both staminate and pistillate flowers in the same plant Cucumber  Dioecious- both staminate and pistillate flowers in different plants. papaya	$\frac{1}{2} \times 4$
4.	- flowers are small and colourless( forming inflorescence)  - pollen- light and non sticky  - anthers hang outside  - feathery stigma or any other relevant four points	$4 \times \frac{1}{2}$
5.	- Have dense cytoplasm and having more than one nucleus  - Nourishes developing pollen grains	1+1
6.	Primary follicles- primary oocyte with a layer of granulosa cells  Secondary follicles- primary oocyte with many layers of g.cells.  Tertiary follicles – secondary oocyte with antrum	1 X 3
7.	Flow chart refer book fig.3.8	3
8.	Exine/sporopollenin/ most resistant organic material/ with stand  hightemp./resistant to acids and alkalis/ no enzyme could degrade it.	$6 \times \frac{1}{2}$
9.	a) Direct the pollen tube into synergids to release male gametes  b) After fertilization it develops into zygote  c) Divides into two male gametes.	3

