

CHOITHRAM SCHOOL MANIKBAGH INDORE**CLASS XII Session: 2017-18****Subject: Biology**
Allotment Date: 15/4/17**Assignment No: I**
Submission Date: 25/4/17

S.NO	QUESTION	MARKS	LEVEL
OBJECTIVE TYPE			
1.	Name the phenomenon and cell responsible for the development of new individual without fertilization as seen in honey bees.	1	knowledge
2.	Name the substance which is present in intine and exine.	1	understanding
3.	Banana is a parthenocarpic fruit where as orange shows polyembryony. How they differ in respect to seeds.	1	hot
SHORT ANSWER TYPE I			
4.	State the function of filiform apparatus found in mature embryo sac of an angiosperm.	2	knowledge
5.	Mention the function of (a) tassel of corn cob (b) tapetum in microsporangium.	2	understanding
6.	Explain the following with reasons - a) pollen grains are well preserved. b) pollen tablets are used by people during disease.	2	logic
7.	How does kernel differ from coconut water. Name the product of fertilization that form kernel in coconut.	2	hot
SHORT ANSWER TYPE II			
8.	After successful in-vitro fertilization, the fertilized egg begins to divide. Where is this egg transferred before it reaches the 8 cell stage and what is the technique known as.	3	understanding
9.	Identify the following organs in flowering plant whether the haploid or diploid – ovary, anther, egg, pollen, male gamete, zygote	3	multiconceptual
10.	In human beings, Father is biological responsible for the sex of the child and not the mother. a) Is the statement true? Explain b) Why still in India Mothers are blamed for it.	3	value based
LONG ANSWER TYPE			
11.	Explain menstruation? What are the specific action of FSH, LH, estrogen and progesteron in this cycle.	5	logic
12.	Explain the process of double fertilization along with the diagrammatic sketches.	5	hot