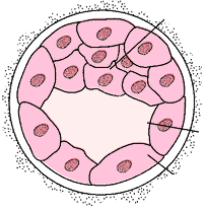


WORKSHEET HOLIDAY HOMEWORK

CLASS 12 (BIOLOGY)

1. Why do moss plants produce very large number of male gametes ? Provide one reason . What are these gametes called ? (2015)
2. List three states the annual and biennial angiosperms have to pass through during their life cycle . (2017)
3. (a) Can a plant flowering in Mumbai be pollinated by pollen grains of the same species growing in New Delhi ? Provide explanation to your answer. (2017)
4. Why is fertilization in an angiosperm referred to as double fertilization ?Mention the ploidy of the cells involved .(2012)
5. Name and explain the role of inner and middle walls of human uterus .(2014)
6. Draw a diagrammatic sectional view of the female reproductive system of human and label the parts .
 - (a) Where the secondary oocyte develop ?
 - (b) Which help in collection of ovum after ovulation .
 - (c) Mention the hormones and their functions involved in maturation of ovum.(2012)
7. A woman has certain queries as listed below , before starting with contraceptive pills . Answer them .(2014)
 - (i) What do contraceptive pills contain and how do they act as contraceptives ?
 - (ii) What schedule should be followed for taking these pills?
8. A couple where both husband and wife are producing functional gametes , but the wife is still unable to conceive , is seeking medical aid . . Describe any one method that you can suggest to this couple to become happy parents .(2014)
9. Study the given figure below and answer the questions that follows .



- (i) Name the stage of human embryo the figure represents .
 - (ii) Identify the figure and label the parts .
 - (iii) Mention the fate of the inner cells after implantation in the uterus .
 - (iv) Where are the stem cells located this embryo ? (2009)
10. Describe endosperm the development in angiosperm .(2014)