

KENDRIYA VIDYALAYA JHAGRAKHAND SECL

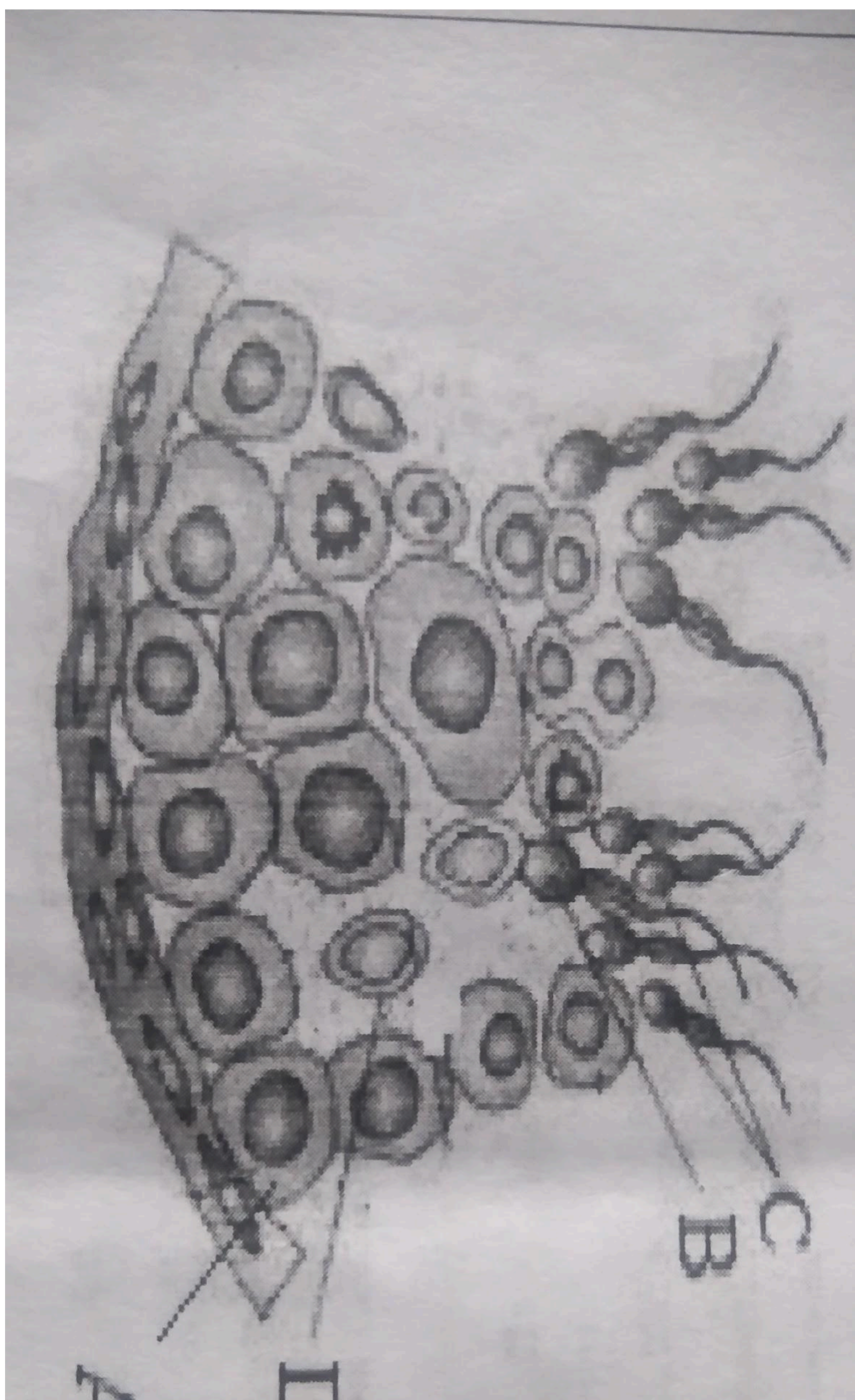
Session:-(2024-25)

Summer vacation Homework of Biology

Biology(XII)

1. *Differentiate between microsporogenesis and megasporogenesis.*
2. *How does microspore mother cell develop into mature pollen grain in Angiosperms?*
3. *Differentiate between Geitonogamy and Xenogamy.*
4. *Write 4 characters of wind pollinated flower .*
5. *Differentiate between polyembryony and apomixis.*

6. *Observe the figure and answer the questions that follows:-*



(1) Identify the parts A, and D from the figure of seminiferous tubule given below

(ii) Write the functions of A and D.

(iii) When do oogenesis and spermatogenesis be initiated in human females and males, respectively?

Or

Fertilization is essential for production of seed but in some angiosperms seeds develop without fertilization

(1) Give an example of an angiosperm that produces seeds without fertilization Name the process.

(ii) Explain two ways by which seeds develop without fertilization.

7. Diagrammatic presentation of various events during a Menstrual Cycle .