

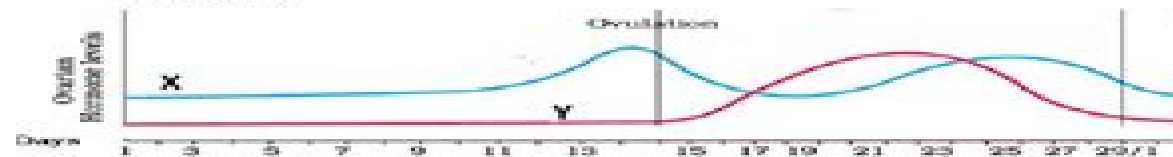
SECTION - D

31.

Study the graph given below related with menstrual cycle in females:

5

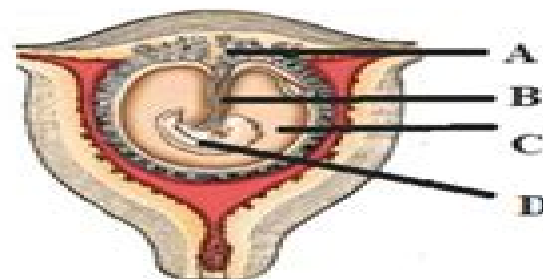
- a. Identify ovarian hormones X and Y mentioned in the graph and specify their source.



- b. Correlate and describe the uterine events that take place according to the ovarian hormone levels X and Y mentioned in the graph on -
- 6 – 15 days
 - 16 – 25 days
 - 26 – 28 days (when ovum is not fertilized)

OR

The following figure shows a foetus within the uterus. On the basis of the given figure, answer the questions that follow:



- (a) In the above figure, choose and name the correct part (A, B, C or D) that act as a temporary endocrine gland and substantiate your answer. Why is it also called the *functional junction*?
- (b) Mention the role of B in the development of the embryo.
- (c) Name the fluid surrounding the developing embryo. How is it misused for sex-determination?

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documented details of McClintock's time in Nazi Germany **Cambridge University Reporter** University of Cambridge, 1911 **The St. Andrews University Calendar for the Year ...** University of St. Andrews, 1920 **Resources in Education**, 1997 **The English Catalogue of Books [annual]**, 1913 Vols 1898 include a directory of publishers

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