

INTERNATIONAL INDIAN SCHOOL BURAIDAH CLASS 12

BIOLOGY CH 2 Human Reproduction WS-2

1. Why are male testes located outside the abdominal cavity? (1)
2. State the function of leydig cells. (1)
3. Where do we find fimbriae? (1)
4. What is semen? (1)
5. Define parturition. (1)
6. Describe the structure of a sperm with a diagram. (2)
7. Enlist any two functions of a female placenta. (2)
8. What is the number of chromosomes in the following cells? Primary oocyte, secondary oocyte, ootid and follicle. (2)
9. What are the various male accessory glands? Give their function. (3)
10. Explain the menstrual cycle with a diagram. (3)
11. Differentiate between spermatogenesis and oogenesis. (3)
12. 'A fertilized egg is the blue print of future development'. Explain (3)
13. Explain the development of human embryo with diagrams. (5)

WS- 3

1. Where does fertilization normally takes place in a human female. [1]
2. Name the substance present in the sperm acrosome & which help in sperms entry into egg. [1]
3. Name the layer of cells that forms the outer wall of blastocyst [1]
4. What is corpus luteum. How dose it functions as endocrine gland?[2]
5. Where are leydig cells located? What do they secrete?[2]
6. Draw well labeled diagram of T.S. of ovary? [2]
7. Briefly describe the stages of spermatogenesis in human? [3]
8. Describe the hormonal control of human male reproduction system with the help of a flow chart & highlight the inhibitory & stimulatory directions in it? [3]
9. What is menstruation? What are the specific actions of FSH, LH, estrogen & progesterone in menstrual cycle? [5]