

Part A: Multiple-Choice Questions

Choose the correct answer for each question.

1. Which hormone is primarily responsible for stimulating sperm production in males?
 - A. Luteinizing Hormone (LH)
 - B. Testosterone
 - C. Follicle-Stimulating Hormone (FSH)
 - D. Progesterone
2. Where does fertilization (the fusion of sperm and ovum to form a zygote) normally take place in the female reproductive system?
 - A. Ovary
 - B. Uterus
 - C. Vagina
 - D. Oviduct / Fallopian tube
3. What is the process called when an egg cell is released from the ovaries?
 - A. Menstruation
 - B. Ovulation
 - C. Implantation
 - D. Cleavage
4. Which of the following hormones stimulates the ovulation process in females?
 - A. Estrogen
 - B. Progesterone
 - C. Luteinizing Hormone (LH)
 - D. Follicle-Stimulating Hormone (FSH)
5. What is the primary function of the placenta during pregnancy?
 - A. To produce sperm cells
 - B. To send food, air, and water to the fetus while returning waste
 - C. To protect the fetus from physical movement by functioning as a bone
 - D. To regulate the secondary sex characteristics of the mother
6. What happens during the process of implantation?
 - A. Sperm cells fuse with the egg cell
 - B. The zygote/blastocyst fixes or embeds itself into the uterine lining
 - C. The ovary releases a mature egg cell
 - D. The uterine lining breaks down and sheds
7. Which of the following represents a secondary sexual development in females during puberty?
 - A. Onset of menstruation
 - B. Maturation of internal reproductive organs
 - C. Enlargement of breasts and broadening of hips
 - D. Production of primary eggs
8. What is the approximate duration of a standard menstrual cycle?
 - A. 7 days
 - B. 14 days

- C. 28 days
 - D. 9 months
9. Which part of the sperm cell contains mitochondria to supply energy for movement?
- A. Head
 - B. Nucleus
 - C. Midpiece
 - D. Tail
10. What is the correct chronological sequence of the three stages of birth?
- A. Delivery of baby -> Dilation of cervix -> Delivery of afterbirth
 - B. Dilation of the cervix -> Delivery of the baby -> Delivery of the afterbirth
 - C. Delivery of afterbirth -> Delivery of baby -> Dilation of cervix
 - D. Dilation of cervix -> Delivery of afterbirth -> Delivery of baby

Part B: Short-Answer Questions

Answer the following questions clearly and concisely.

11. State **two** main functions of the male reproductive organs.
12. What is the difference between primary and secondary sexual developments during puberty in females? Give one example of each.
13. Describe what happens during **implantation** in human pregnancy.
14. What is menstruation, and approximately how many days does it typically last?
15. List the **three stages of birth**.
- a.
 - b.
 - c.