

# WORKSHEET 1

## CHAPTER 13 – REPRODUCTIVE SYSTEM

### A. Name the following.

1. The process of delivery of child.
2. The hormone that stimulates development of secondary sexual characters in males.
3. A muscular wall into which the testis descend.
4. A membrane covering the embryo.
5. The accessory gland in human male whose secretion activates the sperms.

### B. Choose the correct option.

1. The structure in the male reproductive system that corresponds to oviduct of the female system.  
a. Seminiferous tubule    b. Epididymis    c. Vas deferens    d. Urethra
2. The middle piece of sperm has  
a. golgi body.    b. mitochondria.    c. ribosome.    d. ER.
3. A single highly-coiled tube where sperms are stored and gets matured is  
a. epididymis.    b. vas efferentia.    c. vas deferens.    d. seminiferous tubule.
4. Fertilization takes place in  
a. oviduct.    b. uterus.    c. vagina.    d. fimbriae.
5. The gland whose secretion neutralizes the acidity of urethra and vagina.  
a. Seminal vesicle    b. Cowper's gland    c. Prostate gland    d. Seminiferous tubules

### C. Fill in the blanks.

1. The part of the ovary that secretes progesterone is \_\_\_\_\_
2. The canal through which the testis descend into the scrotum just before the birth of a male baby is \_\_\_\_\_
3. The process of development of ovum in the ovary is called \_\_\_\_\_
4. The connecting link between the foetus and placenta is called \_\_\_\_\_
5. The testosterone hormone is secreted by the \_\_\_\_\_ cells.

### D. State whether the following statements are True or False.

1. Ovulation is the release of sperms from the testis.
2. Gestation is the process of fixing of zygote to the uterine wall.
3. One egg is released from each of the two ovaries every month.
4. Placenta produces certain hormones.
5. Pregnancy in women can be prevented by vasectomy.

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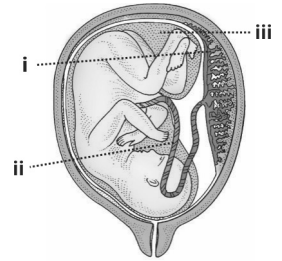
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**E. The given diagram is that of a developing human foetus. Answer the following.**

1. Label the parts numbered **i** to **iii** in the diagram.
2. Mention any two functions of the part labelled **i** in the diagram.
3. Explain the significance of the part numbered **iii** in the diagram.
4. Define the term 'Gestation'. What is the normal gestation period of the developing human embryo?
5. Mention the sex chromosomes in a male and female embryo.



# ANSWERS

## WORKSHEET 1

### A. Name the following.

1. Parturition
2. Testosterone
3. Scrotum
4. Amnion
5. Seminal vesicles

### B. Choose the correct option.

1. c.
2. b.
3. a.
4. a.
5. c.

### C. Fill in the blanks.

1. corpus luteum
2. inguinal canal
3. oogenesis
4. umbilical cord
5. Leydig

### D. State whether the following statements are True or False.

1. False
2. False
3. False
4. True
5. False

### E. The given diagram is that of a developing human foetus. Answer the following.

1. **i** – Placenta  
**ii** – Umbilical cord  
**iii** – Amniotic fluid
2. Placenta (part **i**) provides oxygen, nutrients, etc. from the mother to foetus. It acts as a temporary endocrine gland. It produces oestrogen hormone.
3. Part **iii** – Amniotic fluid protects the foetus from mechanical jerks and prevents the foetus from sticking to the amnion.
4. Gestation is the period of the development of an embryo in the uterus. In humans the gestation period is 280 days.
5. In males, the sex chromosome is XY. Female has XX chromosome.