



PARISHRAM ACADEMY

NAME of Student : _____

Subject : Biology

Class : XII

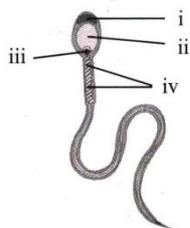
State

Topic : 2 - Reproduction in Lower and Higher Animals Marks :- 35

SECTION – A

Q. 1. Select the write the correct answer: (5 Marks)

- (i) Ovulation occurs under the influence of
(a) Follicle-stimulating hormone (b) Luteinising hormone
(c) Progesterone (d) Estrogen.
- (ii) The given figure shows a human sperm. Various parts of it are labelled as I, ii, iii and iv. Which labelled part represents acrosome?



- (a) ii (b) iii (c) iv (d) i
- (iii) If A stands for seminal vesicles, B stands for bulbourethral glands, C stands for prostate gland, then which of the following is true?
(a) A and C occurs in pair (b) A and B occur in pair
(c) B and C occur in pair (d) A is single, unpaired
- (iv) Stem cells which have the potential to produce all types of cells, tissues and organs are present in
(a) Ectoderm (b) Inner cell mass (c) Trophoblast (d) Endoderm
- (v) Which of the following is a feature of the foetus observed during first trimester?
(a) Formation of fingers and toes (b) Hair on head
(c) Distinct pinnae (d) Eyes open

Q.2. Answer the following: (5 Marks)

- (i) Define cryptorchidism.
(ii) Which hormones are produced by the corpus luteum?
(iii) Name the hormones secreted only during pregnancy.
(iv) Define reproductive health.
(v) Name the accessory sex gland whose secretion contributes about 60% of the total volume of semen.

SECTION – B

Attempt any Four

(8 Marks)

- Q. 3. State any four differences between spermatogenesis and oogenesis.
Q. 4. State any two significance of fertilization.
Q. 5. Identify which germinal layer forms the given structures.
Trachea, Dermis of skin, Adrenal medulla, Sweat glands, Enamel of teeth, Kidneys
Q. 6. Enlist the functions of the placenta.
Q. 7. Amniocentesis for sex determination is banned in our country. Is this ban necessary? Comment.
Q. 8. Suggest some measures to assist infertile couples to have children.

SECTION – C

Attempt any Three

(9 Marks)

- Q. 9. A wounded Planaria regenerates its lost organ back. Does this imply that Planaria reproduces asexually by regeneration? Explain your answer.
- Q. 10. Draw a labelled diagram of the female reproductive system.
- Q. 11. Describe the three stages of parturition.
- Q. 12. Explain the mechanical barriers used for contraception.

SECTION – D

Attempt Any Two:

(8 Marks)

- Q. 13. Describe the accessory ducts of the male reproductive system.
- Q. 14. Rekha is experiencing abdominal cramps and bleeding. In which phase of the menstrual cycle is she? Describe this phase in detail.
- Q. 15. Give any two functions of each.
- (i) Uterus (ii) Fallopian tube