



TEST PAPER: BIOLOGY

Time: 45 Minutes

Class: ICSE 10

Max. Marks: 30 Marks

Date: 19th Sept 2018

Marking Scheme: All questions carry 10 marks each. Subparts (A) and (B) carry 3 marks each and subpart (C) carries 4 marks.

Question 1:

A. Correct the sentences if they are false and rewrite.

1. A sperm contains 23 pairs of chromosomes.
2. Fertilization in humans takes place in uterus.
3. The number of nuclei present in a zygote is four.
4. Ovary is the part where development of the baby takes place.
5. Urinary bladder store sperms temporarily.
6. Placenta acts as an endocrine gland to produce growth hormone in foetal stage.

B. Describe two functions of placenta & how its permeability helps in protecting the foetus.

C. Explain.

1. Ovulation.
2. Inguinal canal.
3. Blastocyst.
4. Parturition.

Question 2:

A. Differentiate

1. Sperm duct & oviducts.
2. Menstrual & follicular phases
3. Menarche & menopause.

B. Fill in the blanks with proper words/phrases.

1. _____ is the structure in female that is equivalent to male penis.
2. A tissue formed by empty follicle in ovary produces female hormones in _____ phase.
3. The _____ hormone levels in female stops the menstrual discharge after implantation.
4. _____ & _____ are the processes that produce sperms & ovum respectively in males & females.
5. Testosterone is produced in _____ cells in males.

C. Describe the four accessory glands in males that produce different essential secretion.

Question 3:

A. Name the following.

1. Two functions of fallopian tube.
2. Thin membrane in vagina of young females.
3. Small tubular knot on the top of testes.
4. The part that picks up the egg released by the ovary.
5. Full term development of an embryo.

B. Refer to the diagram & answer.

1. Label the parts.
2. Why the part 'A' is hanging outside the body?
3. Give the functions of 'B'.
4. Is 'C' a part of reproductive system?

C. Name the four main parts of a sperm & give its functions.

