



BIOLOGY

NCERT - NCERT Biology(Tamil)

REPRODUCTION IN PLANTS AND ANIMALS

**Textbook Evaluation | Choose The Correct
Answer**

1. The plant which propagates with the help of its leaves is _____.

A. Onion

B. Neem

C. Ginger

D. Bryophyllum

Answer:



Watch Video Solution

2. Asexual reproduction takes place through budding in _____

A. Amoeba

B. Yeast

C. Plasmodium

D. Bacteria

Answer:



Watch Video Solution

3. Syngamy results in the formation of _____.

A. Zoospores

B. Conidia

C. Zygote

D. Chlamyospores

Answer:



Watch Video Solution

4. The essential parts of a flower are _____.

A. Calyx and Corolla

B. Calyx and Androecium

C. Corolla and Gynoecium

D. Androecium and Gynoecium

Answer:



Watch Video Solution

5. Anemophilous flowers have _____.

- A. Sessile stigma
- B. Small smooth stigma
- C. Colored flower
- D. Large feathery stigma

Answer:



Watch Video Solution

6. Male gametes in anghiosperms are formed by the division of _____.

A. Generative cell

B. Vegetative cell

C. Microspore mother cell

D. Microspore

Answer:



Watch Video Solution

7. What is true of gametes ?

- A. They are diploid
- B. They give rise to gonads
- C. They produce hormones
- D. They are formed from gonads

Answer:



Watch Video Solution

8. A single highly coiled tube where sperms are stored , get concentrated and mature is known as _____.

A. Epididymis

B. Vasa efferentia

C. Vas deferens

D. Seminiferous tubules

Answer:



Watch Video Solution

9. The large elongated cells that provide nutrition to developing sperms are _____.

A. Primary germ cells

B. Sertoli cells

C. Leydig cells

D. Spermatogonia

Answer:



Watch Video Solution

10. Estrogen is secreted by _____.

A. Anterior pituitary

B. Primary follicle

C. Graffian follicle

D. Corpus luteum

Answer:



Watch Video Solution

11. Which one of the following is an IUCD ?

A. Copper – T

B. Oral pills

C. Diaphragm

D. Tubectomy

Answer:



Watch Video Solution

Textbook Evaluation li Fill In The Blanks

1. The embryo sac in a typical dicot at the time of fertilization is _____.



Watch Video Solution

2. After fertilization , the ovary develops into _____.



Watch Video Solution

3. Planaria reproduces asexually asexully by

_____.



Watch Video Solution

4. Fertilization is _____ in humans.



Watch Video Solution

5. The implantation of the embryo occurs at about ____ day of fertillizatiion .



[Watch Video Solution](#)

6. _____ is the first secretion from the mammary gland after child birth .



[Watch Video Solution](#)

7. Prolactin is a hormone produced by _____.



[Watch Video Solution](#)

1. Match the following

Column 1	Column 2
Fission	Spirogyra
Budding	Amoeba
Fragmentation	Yeast



[Watch Video Solution](#)

2. Match the following terms with their respective meanings

	Column I		Column II
A	A. Parturition	(i)	Duration between pregnancy and birth
B	B. Gestation	(ii)	Attachment of zygote to endometrium
C	C. Ovulation	(iii)	Delivery of baby from uterus
D	D. Implantation	(iv)	Release of egg from Graffian follicle



[Watch Video Solution](#)

Textbook Evaluation IV State Whether The Following Statements Are True Or False Correct The False Statement

1. True or False. If false give the correct statement:

(i) The increased level of estrogen and progesterone is responsible for menstruation.

(ii) Stalk of the ovule is called pericel.



Watch Video Solution

2. Seeds are the product of asexual reproduction .



Watch Video Solution

3. Yeast reproduces asexually by means of multiple fission .



[Watch Video Solution](#)

4. The part of the pistil which serves as a receptive structure for the pollen is called as style.



[Watch Video Solution](#)

5. Insect pollinated flowers are characterized by dry and smooth pollen.



[Watch Video Solution](#)

6. Sex organs produce gametes which are diploid .



[Watch Video Solution](#)

7. LH is secreted by the posterior pituitary .



[Watch Video Solution](#)

8. Menstrual cycle ceases during pregnancy.

(True/False)



[Watch Video Solution](#)

9. Surgical methods of contraception prevent gamete formation .



[Watch Video Solution](#)

10. The increased level of estrogen and progesterone is responsible for menstruation .



[Watch Video Solution](#)

Textbook Evaluation V Answer In A Word Or Sentence

1. IF one pollen grain produces two male gametes how many pollen grains are needed to fertilize 10 Ovules?



[Watch Video Solution](#)

2. In which part of the flower germination of pollen grains takes place ?



Watch Video Solution

3. Name two organisms which reproduces through budding .



Watch Video Solution

4. Mention the function of endosperm.



[Watch Video Solution](#)

5. Name the hormone responsible for the vigorous contractions of the uterine muscles .



[Watch Video Solution](#)

6. What is the enzyme present in acrosome of sperm ?



Watch Video Solution

7. When is world Menstrual Hygiene Day observed ?



Watch Video Solution

8. What is the need for contraception ?



Watch Video Solution

9. Name the part of the human female reproductive system where the following occurs .

Fertilization



[Watch Video Solution](#)

10. Name the part of the human female reproductive system where the following occurs .

Implantation





[Watch Video Solution](#)

Textbook Evaluation Vi Short Answer Question

1. What will happen if you cut planaria into small fragments ?



[Watch Video Solution](#)

2. Why is vegetative propagation practiced for growing some type of plants?



[Watch Video Solution](#)

3. How does binary fission differ from multiple fission ?



[Watch Video Solution](#)

4. What is triple fusion ?



[Watch Video Solution](#)

5. Write the characteristics of insect pollinated flowers.



[Watch Video Solution](#)

6. Name the secondary sex organs in male



[Watch Video Solution](#)

7. What is colostrum ? How is milk production hormonally regulated ?



[Watch Video Solution](#)

8. How can menstrual hygiene be maintained during menstrual days?



[Watch Video Solution](#)

9. How does developing embryo gets its nourishment inside the mother 's body ?



[Watch Video Solution](#)

10. Write the events involved in the sexual reproduction of a flowering plant .

Discuss the first event and write the types .



Watch Video Solution

11. Why are the human testes located outside the abdominal cavity ? Name the pouch in which they are present .



Watch Video Solution

12. Luteal phase of the menstrual cycle is also called the secretory phase. Give reason.



Watch Video Solution

13. Why are family planning methods not adopted by all people of our country?



Watch Video Solution

Textbook Evaluation Vii Long Answer Questions

1. With a neat labelled diagram describe the parts of a typical angiosperm ovule .



Watch Video Solution

2. What are the phases of menstrual cycle?

Indicate the changes in the ovary and uterus.



Watch Video Solution

1. In angiosperms, the pollen grain germinates to produce pollen tube that carries two gametes. What is the purpose of carrying two gametes when a single gamete can fertilize the egg?



[Watch Video Solution](#)

2. Why does the menstrual cycle not take place before puberty and during pregnancy?



[Watch Video Solution](#)

3. Read the following passage and answer the questions that follow

Rahini and her parents were watching a television programme . An advertisement flashed on the screen which was promoting use of sanitary napkins . Rahini's parents suddenly changed the channel , but she objected to her parents and explained the need and importance of such advertisement .

What is first menstruation called ? when does it occur?



4. Read the following passage and answer the questions that follow

Rahini and her parents were watching a television programme . An advertisement flashed on the screen which was promoting use of sanitary napkins . Rahini's parents suddenly changed the channel , but she objected to her parents and explained the need and importance of such advertisement .

List out the napkin hygiene measures taken during menstruation ?



[Watch Video Solution](#)

5. Read the following passage and answer the questions that follow

Rahini and her parents were watching a television programme . An advertisement flashed on the screen which was promoting use of sanitary napkins . Rahini's parents suddenly changed the channel , but she

objected to her parents and explained the need and importance of such advertisement .

Do you think that Rahini's objection towards her parents was correct ? If so , why ?



Watch Video Solution