

UDAAN 2025

BIOLOGY

DHA - 06

How do Organisms Reproduce ?

- Q1** Ovum is not fertilized, following event will occur
(A) Ovulation (B) Pregnancy
(C) Menstruation (D) All of these
- Q2** In human females, an event that reflects onset of reproductive phase is:
(A) Growth of body
(B) change in voice
(C) changes in hair pattern
(D) menstruation
- Q3** Fertilisation in human beings takes place in
(A) Uterus (B) Vagina
(C) cervix (D) Fallopian Tube
- Q4** Menopause refers to
(A) Beginning of menstruation
(B) Stoppage of menstruation
(C) Pregnancy
(D) None is of these
- Q5** Growth and development of embryo take place in
(A) Oviduct (B) Uterus
(C) Ovary (D) Testis
- Q6** What is the primary function of the ovaries in the female reproductive system?
(A) Producing milk
(B) Producing eggs and hormones
(C) Storing urine
(D) Transporting eggs
- Q7** Where does fertilization of the egg by the sperm typically occur?
(A) Uterus (B) Vagina
(C) Fallopian tube (D) Ovary
- Q8** Which structure in the female reproductive system is responsible for housing and nourishing a developing fetus?
(A) Ovary
(B) Fallopian tube
(C) Uterus
(D) Cervix
- Q9** What is the function of the endometrium?
(A) Producing eggs
(B) Facilitating fertilization
(C) Lining the uterus and supporting embryo implantation
(D) Producing hormones
- Q10** Which hormone is primarily responsible for regulating the menstrual cycle?
(A) Testosterone
(B) Insulin
(C) Estrogen
(D) Adrenaline



Answer Key

Q1 (C)

Q2 (D)

Q3 (D)

Q4 (B)

Q5 (B)

Q6 (B)

Q7 (C)

Q8 (C)

Q9 (C)

Q10 (C)



Hints & Solutions

Q1 Text Solution:

If the ovum (egg) is not fertilized, the menstrual cycle will proceed to the menstruation phase, where the lining of the uterus sheds.

Video Solution:**Q2 Text Solution:**

The onset of the reproductive phase in human females is marked by the beginning of menstruation.

Video Solution:**Q3 Text Solution:**

Site of fertilization in human females is also known as oviduct or fallopian tube.

Video Solution:**Q4 Text Solution:**

Menopause refers to the natural cessation of menstruation and fertility in women, typically occurring around the age of 45-55 years.

Video Solution:**Q5 Text Solution:**

Embryo gets attached to endometrium of uterus.

Video Solution:**Q6 Text Solution:**

The ovaries produce eggs (ova) and hormones like estrogen and progesterone, which are crucial for the menstrual cycle and pregnancy.

Video Solution:**Q7 Text Solution:**

Fertilization usually occurs in the fallopian tube, where the sperm meets the egg after ovulation.

Video Solution:

Q8 Text Solution:

The uterus is a muscular organ where a fertilized egg implants and grows into a fetus, providing nourishment and support throughout pregnancy.

Video Solution:**Q9 Text Solution:**

The endometrium is the inner lining of the uterus that thickens each month to support a potential embryo implantation and pregnancy.

Video Solution:**Q10 Text Solution:**

Estrogen is a key hormone that regulates the menstrual cycle, promoting the development of the endometrial lining and the maturation of eggs.

Video Solution:[Android App](#)[| iOS App](#)[| PW Website](#)