

[3 Hours]

[Total Marks: 100]

Please check whether you have got the question paper

- N.B.** 1. All Questions are **Compulsory**. Questions **2 to 6** Have as **Internal Choice**
 2. **Figures** to the right indicate **full marks**.
 3. Use of simple calculators in **allowed**.

Q.1 Objective questions.**A] Multiple choice questions.****10**

- During Pregnancy, deficiency of which of the following leads to neural tube defects?
 A). Folic acid b) Iron c) Calcium d) Zinc
- Which is the common ideal female pelvis?
 a). Android. b). Gynaecoid. c). Platypelloid. d). Anthropoid.
- How much amount of total weight gain during pregnancy?
 a). 6kg. b). 8kg. c). 11kg. d). 14kg.
- Which pituitary hormone is to stimulate the secretion of breast milk from the mammary gland?
 a). Prolactin. b) vasopressin. c) L.H. d). H.C.G.
- Pelvic inflammatory disease, an infection of the female reproductive organs, is usually transmitted during:
 a). Dilatation and curettage (D&C) procedure b) Douching
 c) Sex with an infected partner d) Vaginal delivery
- Which of these is an accessory reproductive gland in male mammals
 a) Inguinal gland b) Prostate gland
 c) Mushroom-shaped gland d) Gastric gland
- What are the functions of the male reproductive system?
 a) production of semen and urine b) production of gametes and hormones
 c) production of progesterone and estrogen d) production of urine and hormones
- Which of following term refers to the female external genitalia?
 a) Clitoris b) Vulva c) Perineam d) vagina
- Ovaries are also known as _____.
 a) Male gonads b) Male testis c) Female gonads d) Female tubes
- ervix separates the uterus from ?
 a) Vagina b) ovary tube c) follicle tube d) fallopian tube

B] True or False**10**

- The production of sperm is called spermatogenesis characteristics such as facial hair and a deeper voice.
- Males continue to produce spermatogonial cells throughout their lifetime
- The ovaries are directly attached to the ends of the uterine tubes
- An ovum completes meiosis only if it is fertilized by a sperm
- Mammary glands are referred to as additional sex glands.
- Ovarian follicles contain oocytes.
- Milk ejection is stimulated by oxytocin.
- The Ovaries and Testes release hormones that cause the body to develop as a person grows older
- A human egg or sperm contains 23 pairs of chromosomes
- The testes perform two primary functions

Q.2) Answer the following question. (Any 2)

15

1. What is the menstrual cycle? Name the Hormones which control the menstrual cycle.
2. Define puberty and explain development of sex organ in female.
3. Explain the menstrual cycle

Q.3) Answer the following question. (Any 2)

15

1. Write the role of hormones in menstruation
2. Explain the disorder of menstruation
3. Note down the fertility in female and male

Q.4) Answer the following question. (Any 2)

15

1. Explain the uterine displacement
2. Explain the spermatogenesis
3. Note down the menopause

Q.5) Answer the following question. (Any 2)

15

1. What is reproduction .explain male and female
2. Explain female reproductive system
3. Explain the premenstrual syndrome

Q.6) Answer the following question.

20

1. What is fertilization. Explain
1. What is reproduction. Explain male and female

OR

Write on short note (Any 4)

1. Ovulation
 2. Fertilization
 3. Spermatogenesis
 4. Menstrual cycle
 5. Write the function of ovary
 6. What are structure of testis
-