

**Chapter
02****Human Reproduction****Practice Section-01**

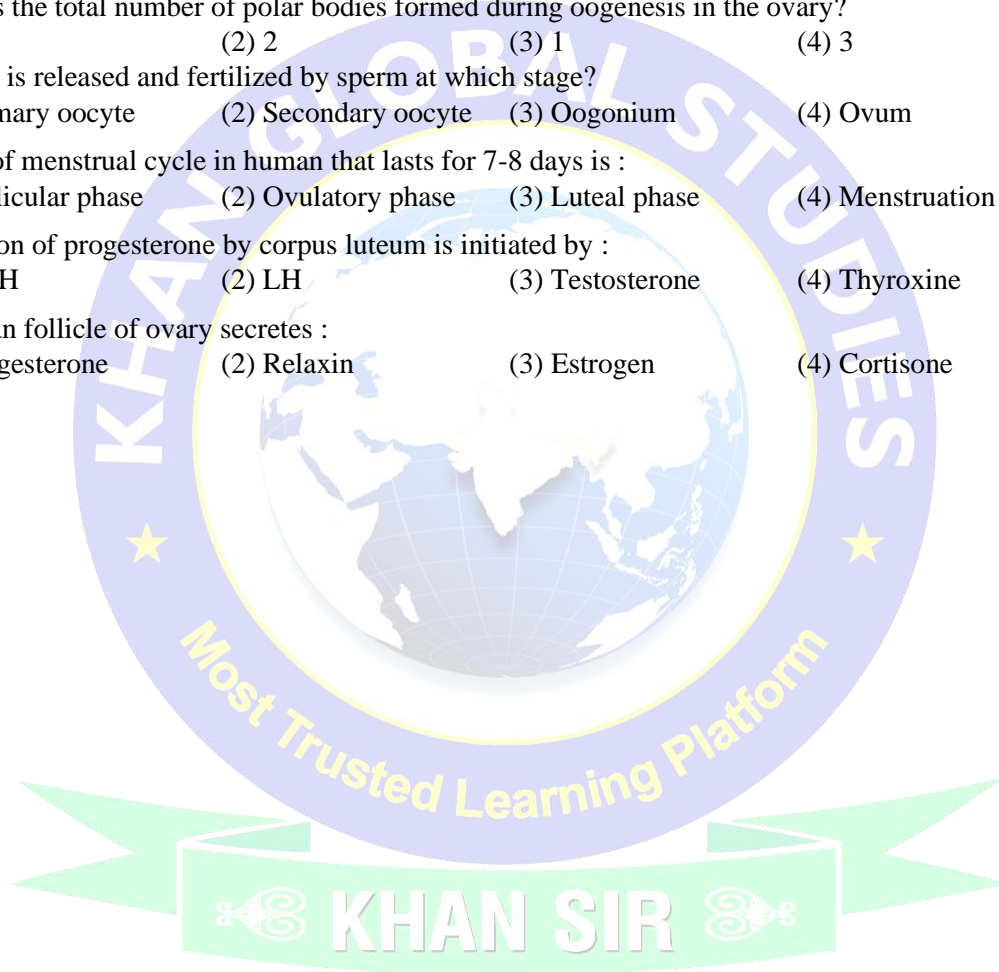
- Q.1** The male reproductive system includes
A. Primary sex organ B. Accessory duct C. Accessory glands D. External genitalia
(1) A, B and D (2) A, C and D (3) A and D only (4) All of these
- Q.2** Number of testicular lobules in testes is
(1) 500 (2) 250 (3) 750 (4) 200-300
- Q.3** Interstitial cell secrete hormones that are called
(1) Prolactin (2) Androgens (3) Estrogen (4) Progesterone
- Q.4** Sertoli cells secrete a hormone called
(1) Gonadotropin (2) Testosterone (3) Relaxin (4) Inhibin
- Q.5** The primary sex organs in males and females, respectively, are
(1) Testis and ovary (2) Penis and vagina
(3) Scrotum and mammary gland (4) Testis and uterus
- Q.6** The shape of the uterus is
(1) Spherical (2) Inverted pear (3) Fusiform shaped (4) Oval
- Q.7** In breast, the mammary alveoli open into the
(1) Mammary duct (2) Mammary tubule (3) Mammary ampulla (4) Lactiferous duct
- Q.8** Mammary glands are modification of
(1) Sebaceous glands (2) Sweat glands (3) Meibomian glands (4) None of the above



Practice Section-02



- Q.1** The head of mature mammalian sperm is made of:
(1) An acrosome (2) Elongated nucleus covered by acrosome
(3) Two centrioles and an axial filament (4) Nucleus, acrosome, cytoplasm and mitochondrial sheath
- Q.2** Proximal centriole of sperm is found in :
(1) Head (2) Neck (3) Middle piece (4) Tail
- Q.3** Number of autosomes in human primary spermatocyte is :
(1) 22 (2) 23 (3) 44 (4) 46
- Q.4** What is the total number of polar bodies formed during oogenesis in the ovary?
(1) 4 (2) 2 (3) 1 (4) 3
- Q.5** An egg is released and fertilized by sperm at which stage?
(1) Primary oocyte (2) Secondary oocyte (3) Oogonium (4) Ovum
- Q.6** Phase of menstrual cycle in human that lasts for 7-8 days is :
(1) Follicular phase (2) Ovulatory phase (3) Luteal phase (4) Menstruation
- Q.7** Secretion of progesterone by corpus luteum is initiated by :
(1) MSH (2) LH (3) Testosterone (4) Thyroxine
- Q.8** Graafian follicle of ovary secretes :
(1) Progesterone (2) Relaxin (3) Estrogen (4) Cortisone



**Practice Section-03**

- Q.1** The milk-ejection reflex is stimulated by:
(1) Oxytocin (2) Estrogen (3) Prolactin (4) Progesterone
- Q.2** Release of seminal fluid in the vagina of female is :
(1) Ejaculation (2) Implantation (3) Insemination (4) Copulation
- Q.3** Pregnancy begins with implantation of :
(1) Embryo (2) Fertilised ovum (3) Blastopore (4) Blastocyst
- Q.4** Fertilisation membrane is formed to :
(1) Facilitate entry of sperm into egg (2) Provide stability to egg
(3) Prevent monospermy (4) Prevent polyspermy
- Q.5** In the absence of acrosome the sperm :
(1) Cannot penetrate the egg (2) Cannot get food
(3) Cannot get energy (4) Cannot swim
- Q.6** Human placenta is formed by
(1) Chorionic villi (2) Umbilical cord (3) Uterine tissue (4) Both (1) and (3)
- Q.7** Gestation period is the duration between :
(1) Ovulation and fertilization (2) Maturation of egg and ovulation
(3) Fertilisation and parturition (4) Ovulation and parturition
- Q.8** What is the colour of the colostrum?
(1) White (2) Pink (3) Blue (4) Yellow

ANSWER KEY**PRACTICE SECTION-01**

Que.	1	2	3	4	5	6	7	8
Ans:	4	2	2	4	1	2	2	2

PRACTICE SECTION-02

Que.	1	2	3	4	5	6	7	8
Ans:	2	2	3	2	2	1	2	3

PRACTICE SECTION-03

Que.	1	2	3	4	5	6	7	8
Ans:	1	3	4	4	1	4	3	4

