

NEET BIOLOGY

Topic: Human reproduction

- Q.1** In mammals, failure of testes to descend into the scrotum is known as:
(a) Castration (b) Impotency
(c) Cryptorchidism (d) Neoteny
- Q.2** During differentiation, the spermatids remain associated with:-
(a) Leydig cells (b) Sertoli cells
(c) Interstitial cell (d) Neoteny
- Q.3** The persistence of corpus luteum during pregnancy is due to
(a) LH (b) Estrogen
(c) Progesterone (d) hCG
- Q.4** The skin covering the glans penis is called
(a) Scrotum (b) Prepuce
(c) Corpus Spongiosum (d) Corpora Cavernosa
- Q.5** In human Females at the time of birth there are two million ova; how many of them normally reach maturity in the course of normal reproductive life?
(a) 1000 (b) 500
(c) 5000 (d) 2000
- Q.6** How many mature eggs are typically produced by each ovary of a non-pregnant woman each year?
(a) 24 (b) 12
(c) 6 (d) 18
- Q.7** The first half of the menstrual cycle is called
(a) Luteal phase (b) Proliferative phase
(c) Secretary phase (d) ovulatory phase
- Q.8** Erection of penis in humans is an example of
(a) Hydrostatic skeleton (b) Exoskeleton
(c) Cytoskeleton (d) cartilaginous skeleton

Q.9 Match the following

- | | |
|------------------|--------------------------------|
| (a) Gastrulation | 1) Passive immunity to neonate |
| (b) Colostrum | 2) Germ layer formation |
| (c) Acrosin | 3) Pregnancy hormone |
| (d) Progesterone | 4) Zona lysin |

Choose among following:-

- | | |
|----------------|----------------|
| (a) 4, 3, 2, 1 | (b) 1, 2, 3, 4 |
| (c) 2, 1, 4, 3 | (d) 2, 1, 3, 4 |

Q.10 Transfer of sperms into the female reproductive tract is called

- | | |
|-------------------|------------------|
| (a) Gametogenesis | (b) Insemination |
| (c) Fertilization | (d) Ejaculation |

Q.11 The process of embedding of blastocyst into endometrium is called

- | | |
|------------------|---------------------|
| (a) Implantation | (b) Transplantation |
| (c) Plantation | (d) Transfusion |

Q.12 In human males, temperature of testes is maintained at----

- (a) 2 – 2.5°C
- (b) 2 – 2.5°C less than body temperature
- (c) 2°C more the 37°C
- (d) 30°C

Q.13 How many testicular lobules are present in each human testis?

- | | |
|---------|---------|
| (a) 200 | (b) 300 |
| (c) 250 | (d) 400 |

Q.14 How many seminiferous tubules are present in one testicular lobule?

- | | |
|-----------|-------------|
| (a) 3 – 6 | (b) 6 – 10 |
| (c) 1 – 3 | (d) 10 – 12 |

Q.15 Which of the following cells are not found in seminiferous tubules?

- | | |
|---------------------|-------------------|
| (a) Male germ cells | (b) Spermatogonia |
| (c) Sertoli cells | (d) Leydig cells |

Q.16 Which of the following cells provide nutrition to germ cells?

- | | |
|------------------------|-------------------|
| (a) Sertoli cells | (b) Leydig cells |
| (c) Interstitial cells | (d) Spermatogonia |

Q.17 Testicular hormones called androgens are synthesised and secreted by

- | | |
|------------------|------------------------|
| (a) Leydig cells | (b) Interstitial cells |
| (c) Epididymis | (d) both (a) & (b) |

Q.18 Fill in the blanks:-

The enlarged end of penis called the ----A----- is covered by a loose fold of skin called -----B---

- (a) A – Foreskin, B – glans penis
- (b) A – Glans penis, B - Foreskin
- (c) A – corpora cavernosa, B- Foreskin
- (d) A – corpora spongiosum, B – Prepuce

Q.19 Each ovary is covered by a thin epithelium which encloses the

- (a) Mesovarium (b) mesorchium
- (c) Ovarian stroma (d) Vagina

Q.20 The edges of the infundibulum possess finger – like projections called

- (a) ostium (b) Fimbrae
- (c) Foreskin (d) Ligament

Q.21 Which of the following is incorrect?

- (a) Uterus is also called womb
- (b) Last part of oviduct is isthmus
- (c) Myometrium is glandular part
- (d) Mons pubis is a cushion of fatty tissue

Q.22 The glandular tissue of each breast is divided into how many lobes?

- (a) 15 – 20 (b) 25 – 30
- (c) 5 – 10 (d) 1 – 5

Q.23 Which of the following cell is not haploid?

- (a) Primary spermatocyte (b) Spermatid
- (c) Secondary spermatocyte (d) sperms

Q.24 Sertoli cells are stimulated by

- (a) Testosterone (b) FSH
- (c) LH (d) ICSH

Q.25 During coitus, human male ejaculates about

- (a) 500 – 600 million sperms (b) 120 – 150 million sperms
- (c) 200 – 300 million sperms (d) 300 –400 million sperms

Q.26 For normal fertility, how many sperms must have normal shape & size?

- (a) 50% (b) 80%
- (c) 90% (d) 60%

Q.27 At puberty, how many primary follicles are left in each ovary?

- (a) 1- 2 million (b) 60,000 – 80,000
- (c) 2 – 4 million (d) 50 – 55 million

- Q.28** The fluid filled cavity in the tertiary follicle is:-
 (a) Atrium (b) Coelom
 (c) Antrum (d) Ventricle
- Q.29** The reproductive cycle in female primates is called
 (a) Oestrous cycle (b) Menstrual cycle
 (c) Ovarian cycle (d) Menarche
- Q.30** Which of the following statement is incorrect?
 (a) First menstruation at puberty is menarche
 (b) Menstruation is repeated at an average interval of about 28 – 29 days
 (c) Release of ovum from ovary is oogenesis
 (d) lack of menstruation may be indicative of pregnancy

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10
Ans.	c	b	d	b	b	c	b	a	c	b
Que.	11	12	13	14	15	16	17	18	19	20
Ans.	a	b	c	c	d	a	d	b	c	b
Que.	21	22	23	24	25	26	27	28	29	30
Ans.	c	a	a	b	c	d	b	c	b	c