

# QB365 Question Bank Software Study Materials

## Zoology - Human Reproduction 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

### Biology

Total Marks : 50

#### Multiple Choice Question

50 x 1 = 50

- 1) The mature sperms are stored in the \_\_\_\_\_.  
(a) Seminiferous tubules (b) Vas deferens **(c) Epididymis** (d) Seminal vesicle
- 2) The male sex hormone testosterone is secreted from \_\_\_\_\_.  
(a) Sertoli cells **(b) Leydig cell** (c) Epididymis (d) Prostate gland
- 3) The glandular accessory organ which produces the largest proportion of semen is \_\_\_\_\_.  
**(a) Seminal vesicle** (b) Bulbourethral gland (c) Prostate gland (d) Mucous gland
- 4) The male homologue of the female clitoris is \_\_\_\_\_.  
(a) Scrotum **(b) Penis** (c) Urethra (d) Testis
- 5) The site of embryo implantation is the \_\_\_\_\_.  
**(a) Uterus** (b) Peritoneal cavity (c) Vagina (d) Fallopian tube
- 6) The foetal membrane that forms the basis of the umbilical cord is \_\_\_\_\_.  
**(a) Allantois** (b) Amnion (c) Chorion (d) Yolk sac
- 7) The most important hormone in initiating and maintaining lactation after birth is \_\_\_\_\_.  
(a) Oestrogen (b) FSH **(c) Prolactin** (d) Oxytocin
- 8) Mammalian egg is \_\_\_\_\_.  
(a) Mesolecithal and non cleidoic (b) Microlecithal and non cleidoic **(c) Alecithal and non cleidoic**  
(d) Alecithal and cleidoic
- 9) The process which the sperm undergoes before penetrating the ovum is \_\_\_\_\_.  
(a) Spermiation (b) Cortical reaction (c) Spermiogenesis **(d) Capacitation**
- 10) The milk secreted by the mammary glands soon after child birth is called \_\_\_\_\_.  
(a) Mucous **(b) Colostrum** (c) Lactose (d) Sucrose
- 11) Colostrum is rich in \_\_\_\_\_.  
(a) Ig E **(b) Ig A** (c) Ig D (d) Ig M
- 12) The Androgen Binding Protein (ABP) is produced by \_\_\_\_\_.  
(a) Leydig cells (b) Hypothalamus **(c) Sertoli cells** (d) Pituitary gland
- 13) Find the wrongly matched pair.  
(a) Bleeding phase- fall in oestrogen and progesterone (b) Follicular phase-rise in oestrogen  
**(c) Luteal phase - rise in FSH level** (d) Ovulatory phase - LH surge
- 14) Testosterone is secreted by \_\_\_\_

- (a) spermatocytes (b) sperm (c) polar bodies **(d) leydig cells**
- 15) The whole process of spermatogenesis takes about \_\_\_\_\_ days.  
 (a) 25 (b) 42 **(c) 64** (d) 72
- 16) \_\_\_\_\_ is a berry shaped duster of cells.  
 (a) Blastula (b) Gastrula **(c) Morula** (d) Zygote
- 17) The transfer of sperms by the male into the female genital tract is called \_\_\_\_\_.  
 (a) implantation (b) parturition **(c) insemination** (d) gastrulation
- 18) Expulsion of baby from the mother's womb is called \_\_\_\_\_.  
 (a) implementation **(b) parturition** (c) insemination (d) gestation
- 19) The seminal fluid has a coagulating enzyme called \_\_\_\_\_.  
**(a) vesiculase** (b) hyaluronidase (c) amylase (d) lactase
- 20) The proximal part of the fallopian tube bears a funnel shaped \_\_\_\_\_.  
 (a) Graafian follicle (b) Oogonia **(c) Infundibulum** (d) corpus luteum
- 21) The \_\_\_\_\_ glands occur posterior to the vagina.  
 (a) Skene's glands (b) Cowper's gland (c) prostate gland **(d) Bartholin's glands**
- 22) The \_\_\_\_\_ glands are located on the anterior wall of vagina.  
**(a) Skene's glands** (b) Bartholin's glands (c) prostate gland (d) Cowper's gland
- 23) The \_\_\_\_\_ are modified sweat gland seen in both sexes  
 (a) Skene's glands (b) Bartholin's glands **(c) Mammary gland** (d) Cowper's gland
- 24) The \_\_\_\_\_ phase of menstrual cycle is also called secretory phase.  
 (a) Ovulatory (b) Menstrual **(c) Luteal** (d) Follicular
- 25) The stage where the embryo looks like a fluid filled hollow ball is called \_\_\_\_\_.  
 (a) trophoblast (b) morula (c) gastrula **(d) blastocyst**
- 26) \_\_\_\_\_ is a hormone secreted by the placenta and also found in the corpus luteum  
 (a) Oxytocin **(b) Relaxin** (c) Inhibin (d) Testosterone
- 27) Colostrum has less \_\_\_\_\_ than milk.  
 (a) protein (b) minerals **(c) lactose** (d) vitamin A
- 28) \_\_\_\_\_ is the first ejaculation of semen.  
 (a) Azospermia **(b) Spermarche** (c) Prostatitis (d) Orchidectomy
- 29) Which one of the following is not the function of placenta?  
 (a) To facilitate supply of oxygen and nutrients to embryo (b) To secrete oestrogen  
 (c) To facilitate the removal of carbon dioxide and material from embryo **(d) To secrete oxytocin during parturition**
- 30) Assertion (A): In scrotum, the temperature is maintained 2 - 3°C lower than body temperature.  
 Reason (R): Reduced temperature results in efficient sperm production  
**(a) R explains A.** (b) A is right R is wrong. (c) A and R are right. R does not explain A (d) Both A and R are wrong
- 31) Assertion (A): Menopause refers to the absence of menstruation during pregnancy.  
 Reason (R): Ovulation occurs during menstrual phase.

- (a) R explains A. (b) A is right, R is wrong (c) A and R are right. R does not explain A. **(d) Both A and R are wrong**

32) Organ of copulation in human female is \_\_\_\_\_

- (a) Cervix (b) Fundus **(c) Vagina** (d) Uterus

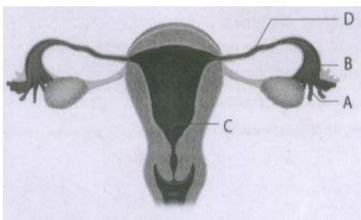
33) Find out the proper sequence representing the parts of female reproductive system.

- (a) Vagina → Ovary → Uterus → Cervix → Infundibulum → Oviduct  
 (b) Vagina → Ovary → Oviduct → Infundibulum → Cervix → Uterus  
**(c) Ovary → Infundibulum → Oviduct → Uterus → Cervix → Vagina**  
 (d) Oviduct → Ovary → Uterus → Infundibulum → Vagina → Cervix

34) Statement (1): The endometrium acts as transitory endocrine gland secreting progesterone  
 Statement (2): Progesterone maintains pregnancy

- (a) Statement 1 is correct; statement 2 is incorrect **(b) Statement 1 is incorrect; statement 2 is correct**  
 (c) Both the statements 1 and 2 are correct. (d) Both the statements 1 and 2 are incorrect.

35) Observe the diagram and select the correct option denoting the proper sequence of parts.



- (a) 

A	B	C	D
Isthmus	Fimbriae	Infundibulum	Uterus

**(b)**

A	B	C	D
<b>Fimbriae</b>	<b>Infundibulum</b>	<b>Uterus</b>	<b>Isthmus</b>

 (c) 

A	B	C	D
Infundibulum	Uterus	Isthmus	Fimbriae

  
 (d) 

A	B	C	D
Fimbriae	Infundibulum	Uterus	Fimbriae

36) In embryo development of human beings, how long does it take for a zygote to convert into morula?

- (a) 24hrs (b) 36hrs (c) 48hrs **(d) 72 hrs**

37) Which Breast feeding week is observed during.

- (a) March 1<sup>st</sup> week (b) December 1<sup>st</sup> week **(c) August 1<sup>st</sup> week** (d) July 1<sup>st</sup> week

38) Corona radiata is derived from

- (a) Membrane granulosa **(b) Cumulus ovaricus** (c) Theca interna (d) Theca externa

39) First menstrual cycle is

- (a) Parturition (b) Menopause **(c) Menarche** (d) Implantation

40) Capacitation of sperms occurs in

- (a) Female genital tract** (b) Vagina (c) Vas efferens (d) Vas deferens

41) Glands of male reproductive system are

- (a) Prostate and seminal Vesicles (b) Prostate, Bertholin's and seminals (c) Seminal vesicles and Bertholin's glands  
**(d) Prostate, Cowper's and seminals**

42) Progesterone is secreted by

- (a) Corpus luteum** (b) Corpus albicans (c) Leydig cells (d) Graafian cells

43) This is referred to as "gestation"

- (a) Period of pregnancy** (b) Spermatisation (c) Fertilization (d) Ovulation

- 44) Loss of reproductive capacity in women after age of 45 years is  
 (a) Menstruation (b) Ageing **(c) Menopause** (d) Menarche
- 45) Which one is not associated with gametogenesis?  
 (a) Formation of ova (b) Formation of spermatids **(c) Release of ova** (d) Change of spermatid to spermatozoa
- 46) Pick up the correct information about menstrual cycle control.  
 1. Estrogen and progesterone of ovary  
 2. FSH of pituitary  
 3. FSH and LH of pituitary  
 4. Oxytocin  
 (a) 1,2,3 correct (b) 1, 2 correct (c) 2,4 correct **(d) 1, 3 correct**
- 47) Which of the following hormone initiate parturition?  
 (a) ACTH, hcG, Oxytocin **(b) ACTH, Corticosteroid, oxytocin** (c) Corticosteroid, ACTH, Prostaglandin  
 (d) ACTH, Progesterone, hcG
- 48) Arrange the events in human female reproductive cycle  
 (a) Secretion of FSH  
 (b) Growth of corpus luteum  
 (c) Growth of follicle and oogenesis  
 (d) Ovulation  
 (e) Sudden increase in level of LH  
**(a) a→c→e→d→b** (b) c→a→d→b→e (c) a→d→c→e→b (d) b→a→c→d→e
- 49) Fimbriae of fallopian tube  
 (a) Release ovum from graafian follicle (b) Cause endometrial changes for implantation  
**(c) Help collection of ovum after ovulation** (d) Help develop corpus luteum
- 50) Ectopic pregnancies are referred to as  
 (a) Pregnancies with genetic abnormality **(b) Implantation of embryo at site other than uterus**  
 (c) implantation of defective embryo in the uterus (d) Pregnancies terminate due to hormonal imbalance