

Rayat Shikshan Sanstha's
RAJARSHI CHHATRAPATI SHAHU COLLEGE
DEPARTMENT OF ZOOLOGY (2022-23)
B. SC. II, SEM -I
PAPER NO. VII, REPRODUCTIVE BIOLOGY
Question bank

Q1) Select the correct answer from the following and complete sentence.

1. A Scrotum contains
A) Kidneys B) Testes C) Prostate Gland D) Seminal Vesicle
2. Hormone responsible for ovulation and development of corpus luteum is
A) FSH B) LTH C) LH D) ICSH
3. Placenta is formed in humans by
A) Amnion B) Chorion C) Allantois D) All the above
4. Sperms are mainly stored in
A) Prostate Gland B) Testes C) Epididymis D) Urethra
5. Hormone controlling human menstrual cycle is.....
A) Estrogen B) FSH C) LH D) All the Above
6. Site of fertilization in mammals is.....
A) Ovary B) Uterus C) vagina D) Fallopian tube
7. Endometrium is lining of
A) Uterus B) Urinary balder C) Testis D) ureter
8. On fertilization, the urine of female contains
A) LH B) Progesterone C) FSH D) hCG
9. Site of fertilization in mammal is.....
A) Ovary B) Uterus C) Vagina D) Fallopian tube
10. Endometrium is lining of
A) Uterus B) Urinary bladder C) Testis D) Ureter
11. Cervix occurs in
A) Kidney B) Fallopian tube C) Betwwen uterus and vagina D) Epididymis
12. A Scrotum contains
A) Kidneys B) Testes C) Prostate Gland D) Seminal Vesicle
13. Sperms are mainly stored in
A) Prostate Gland B) Testes C) Epididymis D) Urethra
14. The structural and functional unit of the testis is
A) Nephron B) Uriniferous tubule C) Seminiferous tubule D) Leydig cells
15. Which hormone is responsible for ovulation?
A) FSH B) Progesterone C) LH D) Estrogen

16. Epispadia is an abnormality of
A) Prostate B) Penis C) Urinary bladder D) Seminal vesicle
17. In vasectomy, the duct which is cut and tied is
A) Urethra B) Vas deferens C) Ejaculatory D) Duct of seminal vesicle
18. One spermatogonium produces Sperms.
A) One B) Two C) Three D) Four
19. Hormone responsible for ovulation and development of corpus luteum is
A) FSH B) LTH C) LH D) ICSH
20. Placenta is formed in humans by
A) Amnion B) Chorion C) Allantois D) All the above
21. Hormone controlling human menstrual cycle is.....
A) Estrogen B) FSH C) LH D) All the Above
22. One spermatogonium produces Sperms.
A) One B) Two C) Three D) Four
23. Fructose is present in the secretion of
A) Prostate Gland B) Bulbo-urethral gland C) Seminal vesicles D) Leydig cells
24. The unpaired structure in the male reproductive system is.....
A) testis B) Seminal vesicle C) Bulbo-urethral gland D) Prostate Gland
25. In retrograde ejaculation, the semen enters.....
A) Prostate Gland B) Epididymis C) Seminal vesicle D) Urinary bladder
26. In the seminal plasma ,the maximum contribution comes from
A) Prostate Gland B) Bulbo-urethral gland C) Urinary bladder D) Seminal vesicle
27. Generally which hormone is responsible for the thickening of cervical mucus?
A) Estrogen B) Progesterone C) FSH D) LH
28. In vasectomy, the duct which is cut and tied is
A) Urethra B) Vas deferens C) Ejaculatory D) Duct of seminal vesicle
29. Progesterone level falls during
A) Gestation B) Menopause C) Lactation D) Menstruation
30. The coiled and longest part of male reproductive system is
A) vas deferens B) Urethra C) Epididymis D) Ejaculatory Duct

Q.2) Short notes

1. Write a Short Note on Sertoli Cells/ Nurse Cell.
2. Proliferate phase of menstrual cycle
3. Lactation and its regulation
4. Sperm transport in female tract.

5. Corpus luteum.
6. Write a note on Interstitial cells/Leydig's cells.
7. Write a note on prostate gland.
8. Write a note on rhythm method for contraceptives.
9. Write a note on vasectomy.
10. Fertilization.
11. Ovarian hormones.
12. Write a note on Sertoli cells/Nurse cells.
13. Write a note on seminal vesicles.
14. Write a note on chemical methods for contraceptives.
15. Write a note on tubectomy.

Q.3) Long answer questions

- 1) Describe the process of Spermatogenesis.
- 2) Describe process of folliculogenesis
- 3) What is Parturation? Which hormones are involved in induction of parturition.
- 4) Describe the function of accessory glands of the male reproductive system.
- 5) What are contraceptives? Describe IUT and oral contraceptives.
- 6) What is menstrual cycle? Which hormones regulate menstrual cycle .
- 7) Describe the process of spermatogenesis.
- 8) What do you mean by an infertility in human male? Describe the causes of it in a man.