

SUB: BIOLOGY (CHAPTER:HUMAN REPRODUCTION)

STANDARD: XII

1.Which of the following produce sperms?

- a)Seminal Vesicles b) Seminiferous tubules c) Epididymis d) Vas Efferentia

2.What is the other name for Leydig cells?

- a) Sertoli cells b) Acinar cells c) Hepatic cells d) Interstitial cells

3.External opening of urethra is known as:

- a) Ostia b) Osculum c) Urethral meatus d) None

4.The male reproductive accessory glands include:

- a) Testis b) Seminal Vesicles c) Prostate & Bulbourethral glands d)B & C

5.Which of the following shows diploidy?

- a) Spermatid b) Spermatozoa c) Spermatogonium d) Secondary spermatocyte

6.Which of the following is a male sex accessory duct?

- a) Rete testis b) Vasa efferentia c) Epididymis & vas deferens d) All

7. Male gametes in humans provide nutrition by:

- a) Sertoli cells b) Bulbourethral cells c) Leydig cells d) Lobules

8. What is the function of scrotum?

- a) To maintain low temperature b) To maintain high temperature
c) Heterothermal d) None

9. What is the composition of seminal plasma?

- a) Rich in fructose b) Rich in calcium c) Contains enzymes d) All

10. What is the other name for fallopian tube?

- a) Ampulla b) Fimbriae c) Oviduct d) All

11. Connective tissue that attach the ovaries with uterine wall and pelvic wall is:

- a) Ligament b) Tendon c) Areolar d) Adipose

12. Which of the following exhibits strong contraction during delivery of the baby?

- a) Perimetrium b) Endometrium c) Myometrium d) None

13. Hymen is associated with:

- a) Male genital system b) Female genital system c) Both A & B d) None

14. Which of the following is associated with female genital system?

- a) Epididymis b) Clitoris c) Vas efferens d) Seminal vesicle

15. Sucking of milk out takes place through:

- a) Mammary tubules b) Mammary duct c) Mammary ampullae d) Lactiferous duct

16. Identify gonadal mother cells from the following:

- a) Spermatogonia b) Oogonia c) Ootid & Spermatid d) A & B

17. Spermiation is the process of releasing of:

- a) Spermatids b) Primary spermatocytes c) Sperms d) All

18. Gonadotropic releasing hormone is secreted from:

- Hypothalamus b) Hypophysis c) Neurohypophysis d) Pars intermedia

19. Hormone that stimulates the leydig cells is:

- Luteinizing hormone b) FSH c) GnRH d) A & B

20. Mitochondria in a sperm are located in:

- Head b) Acrosome c) Middle piece d) Tail

21. Fluid filled cavity 'Antrum' is found in:

- Oogonia b) Primary follicle c) Tertiary follicle d) Secondary follicle

22. Graffian follicle is formed from:

- Primary follicle b) Secondary follicle c) Tertiary follicle d) None

23. Polarbodies are formed during:

- Spermatogenesis b) Oogenesis c) Embryogenesis d) All

24. What is common in both sperms and ovum?

- Haploidity b) Diploidity c) Polyploidity d) Presence of acrosome

25. First meiotic division during oogenesis takes place:

- After ovulation b) Prior to ovulation c) During embryogenesis d) None

26. Appearance of first menstruation at puberty is called:

- Menopause b) Menarche c) Fertility d) Sterility

27. Luteal phase during a menstrual cycle is also known as:

- Proliferative phase b) Secretory phase c) Reductive phase d) Regenerative phase

28. Function of corpus luteum is to secrete:

- Progesterone b) Estrogen c) Testosterone d) All

29. Cessation of menstrual cycle is termed as:

- Menarche b) Menopause c) Sterility d) Abortion

30. Whether human females are:

- Homogametic b) Heterogametic c) Agametic d) Monogametic

31. The cells of morula are known as:

- Blastocysts b) Oviblasts c) Oviclasts d) Blastomeres

32. Corona radiata lies:

- a) External to the zona pellucida b) Internal to the zona pellucida
c) Along with perivitelline space d) A & C

33. Which part of the blastocyst attaches with the surface of endometrium?

- a) Inner cell mass b) Trophoblast c) Ectoderm d) Mesoderm

34. The nature of post zygotic divisions is of:

- a) Amitotic b) Mitotic c) Meiotic d) Iregular

35. Chorionic villi appear on:

- a) Endometrium b) Trophoblast c) Myometrium d) Perimetrium

36. Which of the following is a placental hormone?

- a) Human chorionic gonadotropin b) Relaxin c) Oxytocin d) None

37. Stem cells are the part of:

- a) Inner cell mass b) Ectoderm c) Endoderm d) Mesoderm

38. First trimester period is:

- a) 12 weeks b) 24 weeks c) 36 weeks d) 4 weeks

39. The first appearance of limbs and external genitalia take place during:

- a) 1st trimester b) 2nd trimester c) 3^d trimester d) None

40. Delivery of the fetus after 9 months is known as:

- a) Gestation b) Gastrulation c) Parturition d) Implantation

41. Colostrum is rich in:

- a) Antigens b) Antibodies c) Interferons d) All

42. What is the function of oxytocin is:

- a) Contraction of uterine muscles b) To lower the blood pressure
c) To secrete milk d) To expand the ligament

43. Milk in mammary glands is secreted by:

- a) Acinar cells b) Hepatic cells c) Chondrocytes d) Cells of alveoli

44. A crosome is a part of:

- a) Chromosome b) Ribosome c) Oxysome d) Spermatozoan

45. What would be the fate of menstruation if the ovum is not fertilized?

- a) Occurs for 3-5 days b) Does not occur c) Occurs for 5-10 days d) Occurs irregularly

46. Umbilical lies between:

- a) Embryo and placenta b) Perimetrium and ovary c) Ovary and fallopian tube
d) Placenta and ovary

47. Relaxin is secreted by:

- a) Endometrium b) Ovary c) Pituitary gland d) Hypothalamus

48. Uterus is commonly called as:

- a) Body cavity b) Womb c) Stomach d) Bladder

49. Number of testicular lobules found in each testis is:

- a) 50 b) 100 c) 150 d) 250

50. Number of mammary lobes in each mammary gland is:

- a) 15-20 b) 50-100 c) 100-150 d) 200

Answer key

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|-------|-------|
| 1. A | 26. B |
| 2. D | 27. B |
| 3. C | 28. A |
| 4. D | 29. B |
| 5. C | 30. A |
| 6. D | 31. B |
| 7. A | 32. A |
| 8. A | 33. B |
| 9. D | 34. B |
| 10. C | 35. B |
| 11. A | 36. A |
| 12. D | 37. A |
| 13. B | 38. A |
| 14. B | 39. A |
| 15. C | 40. C |
| 16. D | 41. B |
| 17. C | 42. A |
| 18. A | 43. D |
| 19. A | 44. D |
| 20. C | 45. A |
| 21. C | 46. A |
| 22. C | 47. B |
| 23. B | 48. B |
| 24. A | 49. D |
| 25. A | 50. A |

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