

REPRODUCTION IN ANIMALS

<1M>

1. What are the types (modes) of reproduction?
2. Why reproduction is an essential process?
3. What are male reproductive parts?
4. Name the reproductive parts of females.
5. What are the different parts of a sperm?
6. Name the organism which produces the largest eggs.
7. Define foetus.
8. What is metamorphosis?
9. Define sexual reproduction.
10. What is reproduction?
11. Why fission in amoeba called binary fission?
12. Name the organs that produce sperms and ova in males and females, respectively.
13. Why does a hen sit on its eggs?
14. How much time is needed for development of a chick from embryo?
15. Which of the following is not a method of asexual reproduction?
(A) Binary fission (B) Budding (C) None of the above (D) Both
16. Which one is not an organ of the male reproductive system?
(A) Testes (B) Fallopian tube (C) Seminal ducts (D) Penis
17. Which one is not an organ of the female reproductive system?
(A) Fallopian tube (B) Ovaries (C) Trachea (D) Uterus
18. Which of the following is an oviparous animal?
(A) Lizard (B) Dogs (C) Cats (D) Cows
19. Choose the animal in which internal fertilization takes place:
(A) Human (B) Frogs (C) Fish (D) All of the above
20. Choose the animal in which external fertilization takes place:
(A) Toads (B) Frogs (C) Fish (D) All of the above
21. In which part does the fertilization take place in humans?
(A) Testes (B) Uterus (C) Fallopian tube (D) Ovaries
22. In which organ does the implantation of embryo take place?
(A) Fallopian tube (B) Testes (C) Ovaries (D) Uterus

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23. Female gamete is called:
(A) Ovary (B) Testis (C) Ovum (D) Sperm
24. Male gametes are called:
(A) Ovary (B) Testis (C) Ova (D) Sperms
25. Choose the correct statement:
(A) Ovaries produce female gametes. (B) Ovaries produce male gametes.
(C) Female gametes are called sperms. (D) Male gametes are called ova.
26. Oviducts are also known as:
(A) Ovaries (B) Testis (C) Fallopian tubes (D) Seminal ducts
27. Which animal has the largest egg?
(A) Hen (B) Ostrich (C) Eagle (D) Duck
28. Protection to the eggs of frog is provided by:
(A) A hard shell (B) A thick wall (C) A cover of cells (D) A layer of jelly
29. Zygote develops to form a/an:
(A) Egg (B) Embryo (C) Ova (D) Sperms
30. An embryo develops into a/an:
(A) Ovum (B) Sperm (C) Foetus (D) Zygote
31. Larva of the silkworm is called:
(A) Tadpole (B) Chick (C) Caterpillar (D) Foetus
32. Which of the following statement is correct?
(A) Tadpole is similar to frog.
(B) Young ones of humans are similar to adult humans.
(C) Larva of silkworm is similar to adult silkworm.
(D) All are correct
33. Metamorphosis occurs in which of the following organisms:
(A) Human (B) Silkworm (C) Fish (D) All of the above
34. Number of cells in sperm is/are:
(A) One (B) two (C) Three (D) Many
35. Number of cells present in amoeba is/are:
(A) One (B) Two (C) Three (D) Many
36. Type of reproduction in amoeba is:
(A) Sexual reproduction (B) Budding (C) Binary fission (D) None of the above
37. Budding is a mode of reproduction in:
(A) Amoeba (B) Hydra (C) Frog (D) Fish
38. Which of the following does not reproduce sexually?
(A) Frog (B) Humans (C) Fish (D) All of the above reproduce sexually
39. First mammal to be cloned was a:
(A) Sheep (B) Dog (C) Cow (D) Rat

40. How many cells are formed during binary fission of an amoeba?

- (A) One (B) Two (C) Four (D) Many

41. Full form of IVF is:

- (A) Intra vitrine fluid (B) In vitro fluid (C) In vivo fertilization (D) In vitro fertilization

42. Time taken by embryo of the hen to develop into a chick is:

- (A) One week (B) Two weeks (C) Three weeks (D) One month

43. How many ova and sperms are required to form one zygote?

- (A) One ovum and one sperm (B) One ovum and many sperms
(C) One sperm and many ova (D) Many ova and many sperms

44. Characteristics of father are inherited by the individual through:

- (A) Sperm (B) Ovum (C) Zygote (D) Egg

45. How many ovaries are there in a female?

- (A) One (B) Two (C) Three (D) Many

46. Single cell formed by the fusion of a male and a female gamete is called

- (A) Embryo (B) Zygote (C) Foetus (D) Egg

47. Which of the following give birth to young ones?

- (A) Whales (B) Cows (C) Humans (D) All of the above

48. Number of sperms produced in the testes are:

- (A) One (B) Hundreds (C) Thousands (D) Millions

49. Which one of the following is a single-celled structure?

- (A) Sperm (B) Ovum (C) Zygote (D) All of the above

50. Egg is released from the ovary into the _____.

- (A) Seminal duct (B) Uterus (C) Oviduct (D) Penis

51. How many uterus are there in a female?

- (A) One (B) Two (C) Three (D) None

52. How many seminal ducts are there in a female?

- (A) One (B) Two (C) Three (D) None

53. Stages in the life cycle of frog are:

- (A) Egg → Larva → Pupa → Adult
(B) Egg → Larva → Pupa
(C) Larva → Pupa → Adult
(D) Egg → Larva → Adult

54. Tadpoles develop into:

- (A) Silk moths (B) Frogs (C) Fish (D) Hens

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55. What do you mean by fertilization? What is the result of a fertilization?

56. What are viviparous animals? Give two examples.

57. What are the different stages in the life cycle of a frog?
58. Name the various methods of asexual reproduction with an example of each.
59. Why an individual has some characteristics of father and some of mother?
60. What are gametes? Differentiate between sperms and ova.
61. Differentiate between internal and external fertilization.
62. Write down the type of fertilization in (a) Frogs (b) Hens (c) Humans (d) Fish.
63. What is the difference between the eggs of a hen and of a frog?
64. Why do frogs and fish produce a large number of gametes?
65. What is an embryo? Where does the development of a human embryo takes place?
- <3M>
66. Differentiate between oviparous and viviparous animals. Give one example of each.
67. What are the differences between development of young ones in frogs and in humans?
68. Differentiate between asexual and sexual reproduction.
69. Draw the diagram of human sperm and label
70. Draw the diagrams at binary fission in Amoeba and label
71. Show budding in hydra digramatically
- <5M>
72. What is binary fission? Name the organism in which the binary fission is a method of reproduction.
73. Answer the following in one word:
- (a) Process of production of exact copies of an organism
 - (b) First cloned mammal
 - (c) First person to perform cloning of an animal successfully
 - (d) Babies born through in vitro fertilization
 - (e) Type of reproduction in amoeba
74. Explain the process of budding. Name the organisms in which budding takes place.
75. Show the life cycle of frog diagrammatically and name the stage.