



BIOLOGY

BOOKS - VGS PUBLICATION-BRILLIANT

REPRODUCTION IN ANIMALS

Exercise

1. Differentiate between:

Sexual reproduction and Asexual reproduction.



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2. Differentiate between:

Gametes and Zygote



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3. Differentiate between:

External fertilization and Internal fertilization



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4. Differentiate between : Viviparous and oviparous animals .



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5. Compare the reproduction in Hydra and Amoeba. Note down the differences in your note book.



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6. Why do fish and frog lay more number of eggs whereas cow and human beings usually give birth to only one at a time?



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7. Can animals produce offsprings even without formation of zygotes, how? Explain with suitable examples.



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8. How can you identify the animal is viviparous or oviparous?



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9. Who am I?

I am formed by the fusion of male and female gametes



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10. Who am I?

I am gamete that has a tail and travel to fuse with female gamete



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11. Who am I?

I am a fully developed embryo inside a mother's body_____

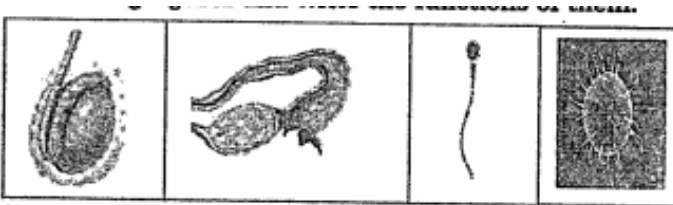


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12. State the reason why most of the terrestrial animals fertilization takes place internally.

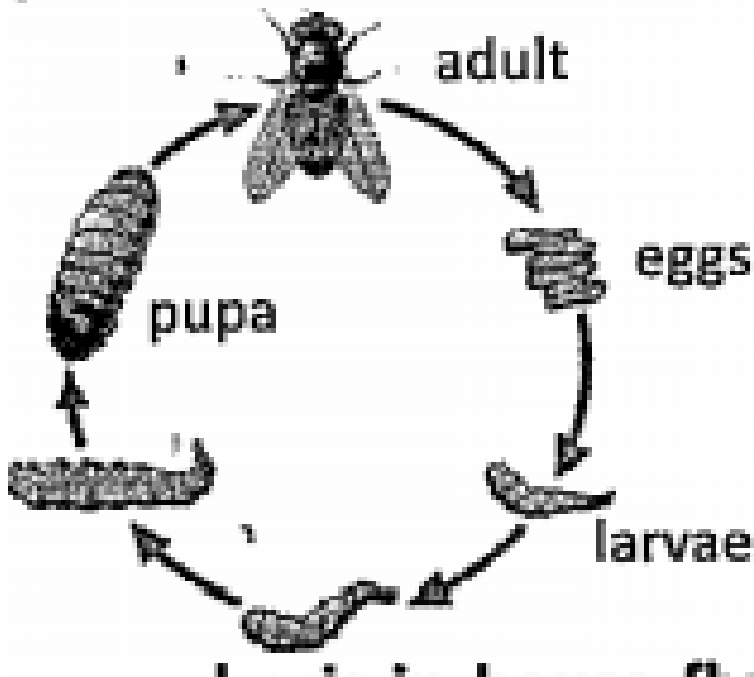
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13. Observe the following figures and write the functions of them.



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14. Label the following life cycle.



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15. Explain the process of metamorphosis in house fly by taking help from the given Diagram.



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16. What would happen if all the organisms stop the process of reproduction?



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17. Draw neat labelled diagrams of male and female reproductive system of plant.



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18. Draw labelled diagram of life history of frog and identify which stages are herbivores.



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19. How would you appreciate Ritwik's work, when he kept back the pigeon squab in the ventilator? If you were in Ritwik's place what would you do?



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20. Fill in the blanks

Animals which give birth to babies are called
_____.



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21. Fill in the blanks

In human's foetus develops in



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22. Fill in the blanks

Ovum is released from _____.



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23. Fill in the blanks

Tadpole is the primary stage of _____.



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24. Fill in the blanks

Budding, binary fission are _____ reproductive methods.



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25. Do all eggs hatch into nestlings?



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26. Is egg first or pigeon ?



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27. Can there be eggs if there were no pigeons?



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28. Do all animals lay eggs?



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29. Are there any animals that give birth to young ones?



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30. How can we identify which animals lay eggs and which give birth to young ones?



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31. Are there any patterns in nature that give clues to modes of reproduction?



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32. What would happen if fusion of sperm and ova doesn't takes place?



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33. Why do animals give birth to their babies ?



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34. What happens if a couple give birth to more than two babies? Is it necessary to

control population. Why?



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35. Give examples and explain what is meant by external fertilisation.



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36. What is meant by Internal Fertilization ?



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37. Which are called viviparous animals?



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38. Which are called oviparous animals?



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39. Who am I?

I am formed by the fusion of male and female gametes



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40. Who am I?

I am gamete that has a tail and travel to fuse with female gamete



[Watch Video Solution](#)

41. Are there any animals that give birth to young ones?



[Watch Video Solution](#)

42. How can we identify which animals lay eggs and which give birth to young ones?



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43. Are there any patterns in nature that give clues to modes of reproduction?



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44. Think how animals could hear without external ears?



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45. What happens if a couple give birth to more than two babies? Is it necessary to control population. Why?



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46. What is meant by cloning ? Who invented this ?.



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47. Write a note on “test tube babies”.



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48. One of the following is the viviparous animal

A. Fish

B. Sparrow

C. Leopard

D. Crow

Answer:



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49. Epidermal hair is seen in this animal

A. Frog

B. Snake

C. Crow

D. Cat

Answer:



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50. Asexual reproduction is not seen in the following

A. Hydra

B. Algae

C. Fungi

D. None

Answer:



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51. Binary fission is seen in _____

A. Earth worm

B. Amoeba

C. Hydra

D. Monkey

Answer:



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52. Female flower do not have this part

A. Ovary

B. Style

C. Stigma

D. Stamen

Answer:



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53. Male reproductive system consist of

A. Fallopian tube

B. Testes

C. Uterus

D. Overy

Answer:



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54. Embryo develops in this part

A. Testes

B. Fallopian tube

C. Uterus

D. None

Answer:



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55. In this animal fertilization takes place externally

A. Frog

B. Hen

C. Deer

D. Crow

Answer:



56. The larva of frog is called_____

A. Caterpillar

B. Tadpole

C. Maggot

D. Wiggler

Answer:



57. Pollen grains are produced by_____

- A. Male flower
- B. Female flower
- C. Calyx
- D. Corolla

Answer:



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58. Test tube babies are formed through _____

- A. Test tubes
- B. fallopian tubes
- C. In Vitro Fertilization
- D. External fertilization

Answer:



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59. Pregnancy period in human beings are

A. 150 days

B. 240 days

C. 270-280 days

D. 200 days

Answer:



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60. Pick out the odd one

A. Fish

B. Frog

C. Lizard

D. Camel

Answer:



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61. Which of the following is an Oviparous?

A. Deer

B. Tiger

C. Leopard

D. Crow

Answer:



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62. ____ is essential for the continuation of the species.

A. Respiration

B. Excretion

C. Circulation

D. Reproduction

Answer:



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63. Who were the scientists who performed cloning for the first time ?

A. Flemming

B. Jenner

C. Watson

D. Ian Wilmut

Answer:



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64. The transformation of larva into adult through drastic changes is called_____

A. Meiosis

B. Mitosis

C. Metamorphosis

D. None

Answer:



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65. Reproduction without release of male and female gametes is called_____

- A. Asexual
- B. Sexual
- C. Budding
- D. Binary fission

Answer:



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66. Animals having both male and female reproductive organs are called_____

A. Unisexual animal

B. Bisexual animal

C. Hermaphrodite

D. None

Answer:



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67. The mode of asexual reproduction in yeast cells _____

- A. Binary fission
- B. Budding
- C. Conjugation
- D. Fragmentation

Answer:



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68. Internal fertilization takes place in

A. Fish

B. Amoeba

C. Salamander

D. Man

Answer:



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69. The larva of mosquito _____

A. Tadpole

B. Wiggler

C. Maggot

D. Nymph

Answer:



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70. The larva of housefly_____

A. Tadpole

B. Maggot

C. Wiggler

D. Nymph

Answer:



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71. Respiratory organs in frog tadpoles are

A. Lungs

B. Gills

C. Skin

D. None

Answer:



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72. The function of mitochondria in sperm_____

- A. Providing energy for it's movements
- B. Respiration
- C. Excretion
- D. Digestion

Answer:



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73. Development of embryo takes place In ____

- A. Oviducts
- B. fallopian tubes
- C. Vagina
- D. Uterus

Answer:



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74. Zygote is in this condition ____

A. Haploid

B. Diploid

C. Triploid

D. Tetraploid

Answer:



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75. This is an example for marsupials_____

A. Platypus

B. Echidna

C. Kiwi

D. Kangaroo

Answer:



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76. This will happen if all the organisms stop the process of reproduction. i) There will be no effect for the organisms, ii) Living organisms would not survive long, iii) Some species will

increase their numbers, iv) All species will disappear.

A. i and ii only

B. iii and iv only

C. ii and iv only

D. ii, iii and iv only

Answer:



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77. What happens if a couple give birth to more than two babies? i) Increasing in population, ii) Increasing in income, iii) Increasing in food problems, iv) Increasing in social and economic problems.

A. i, ii and iii

B. ii, iii and iv

C. i, iii and iv

D. All of them

Answer:



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