



BIOLOGY

BOOKS - NCERT EXEMPLAR

REPRODUCTION IN ANIMALS

Multiple Choice Questions

1. Sets of reproductive terms are given below.
Choose the set that has an incorrect combination.

A. sperm, testis, sperm duct, penis

B. menstruation, egg, oviduct, uterus

C. sperm, oviduct, egg, uterus

D. ovulation, egg, oviduct, uterus

Answer: C



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2. In humans, the development of fertilised egg takes place in the

A. ovary

B. testis

C. oviduct

D. uterus

Answer: D



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3. In the list of animals given below, hen is the odd one out. (human being, cow, dog, hen)

The reason for this is

A. it undergoes internal fertilisation.

B. it is oviparous.

C. it is viviparous.

D. it undergoes external fertilisation.

Answer: B



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4. Animals exhibiting external fertilisation produce a large number of gametes. Pick the appropriate reason from the following

- A. The animals are small in size and want to produce more offsprings.
- B. Food is available in plenty in water
- C. To ensure better chance of fertilisation.
- D. Water promotes production of large number of gametes

Answer: C



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5. Reproduction by budding takes place in

A. hydra

B. amoeba

C. paramecium

D. bacteria

Answer: A



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6. Which of the following statements about reproduction in humans is correct?

A. Fertilisation takes place externally.

B. Fertilisation takes place in the testes.

C. During fertilisation egg moves towards the sperm.

D. Fertilisation takes place in the human female.

Answer: D



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7. In human beings, after fertilisation, the structure which gets embedded in the wall of uterus is

A. ovum

B. embryo

C. foetus

D. zygote

Answer: B



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8. Aquatic animals in which fertilisation occurs in water are said

- A. viviparous without fertilisation.
- B. oviparous with external fertilisation
- C. viviparous with internal fertilisation.
- D. oviparous with internal fertilisation

Answer: B



9. After fertilisation, the resulting cell which gives rise to a new individual is the

A. embryo

B. ovum

C. foetus

D. zygote

Answer: D



10. In human beings, the correct sequence of events during reproduction is

A. gamete formation, fertilisation, zygote, embryo

B. embryo, zygote, fertilisation, gamete formation

C. fertilisation, gamete formation, embryo, zygote

D. gamete formation, fertilisation, embryo,

zygote

Answer: A



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Very Short Answer Questions

1. Although 2 cells called gametes fuse, the product formed is a single cell called zygote.

Justify.



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2. Stages in the lifecycle of silkworm are given below. Write them in sequential order.

Pupa, silkworm, egg, silk moth.



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3. What is the importance of reproduction?



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4. In markets, eggs of birds are available but never eggs of dogs. Why?



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5. The eggs of frogs do not have shells for protection, yet they are safe in water. How?



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Short Answer Questions

1. Fill up the blanks with the terms given below:

body, asexual, binary, single, nucleus

Amoeba is a _____ celled organism. It reproduces by _____ reproduction. The process of reproduction begins by the division of its _____ into two. This is followed by the division of its _____ into two. This type of reproduction is called _____ fission.



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2. The term metamorphosis is not used while describing human development. Why?



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3. Mother gives birth to a baby but the baby has characters of both parents. How is this possible?



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4. How is reproduction in hydra different from that in amoeba?



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5. State whether the following statements are True or False. If false correct the statement:
External fertilisation can occur both in water and on land.



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6. State whether the following statements are True or False. If false correct the statement:

The eggs of fish are covered by hard shells for protection.



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7. State whether the following statements are True or False. If false correct the statement:

Human egg has a head, middle piece and tail.



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8. State whether the following statements are

True or False. If false correct the statement:

In adult human females, a single mature egg is released into an oviduct every month.



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9. Why do only male gametes have a tail?



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1. How can we say that fish exhibits external fertilisation?



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2. Hens and frogs are both oviparous exhibiting different types of fertilisation. Explain.



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