

Chapter- 3.

REPRODUCTION IN HUMANS.

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### **Section A (One-mark questions)**

#### **Multiple Choice Questions:**

Question 1.

The number of modes by which animals reproduce are

- (a) two
- (b) three
- (c) four
- (d) none of these

Question 2.

Binary fission is observed in

- (a) Hydra
- (b) yeast
- (c) Amoeba
- (d) human being

Question 3.

Asexual reproduction is observed in

- (a) cow
- (b) buffalo
- (c) sponge
- (d) hen

Question 4.

In Hydra, the mode of reproduction is

- (a) asexual
  - (b) sexual
  - (c) both (a) and (b)
  - (d) none of these
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Question 5.

The animals that produce new young ones are called

- (a) viviparous
- (b) oviparous
- (c) both
- (d) none of these

Question 6.

The male gamete or sperm consists of

- (a) three parts
- (b) two parts
- (c) four parts
- (d) none of these

Question 7.

Ovum or eggs are formed in

- (a) ovary
- (b) testes
- (c) penis
- (d) ovident

Question 8.

Internal fertilisation takes place

- (a) inside male body
- (b) inside female body
- (c) outside female body
- (d) outside male body

Question 9.

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

- (a) ovary
- (b) oviduct
- (c) testis
- (d) uterus

Question 10.

The cell formed after fertilisation is called

- (a) embryo
- (b) foetus

- (c) zygote
- (d) egg

Question 11.

The fusion of sperm and ova usually occur in the

- (a) ovary
- (b) uterus
- (c) testes
- (d) oviduct

Question 12.

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

Question 13.

Which of the following shows external fertilisation?

- (a) Frog
- (b) Human being
- (c) Cow
- (d) Hen

Question 14.

Which one of the following is not a part of female reproductive organs?

- (a) Uterus
- (b) Ovary
- (c) Oviduct
- (d) Penis

Question 15.

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

Question 16.

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.

Question 17.

Which is not a viviparous animal?

- (a) Human being
- (b) Cow
- (c) Dog
- (d) Butterfly

Question 18.

Budding occurs in

- (a) Amoeba
- (b) dog
- (c) Paramecium
- (d) yeast

Question 19.

The female gamete is called

- (a) ova
- (b) sperm
- (c) zygote
- (d) uterus

Question 20.

The male gamete is called

- (a) sperm
- (b) ova
- (c) embryo
- (d) zygote

### **Section B( shortn questions)**

- 1.What is reproduction?
- 2.hat is sexual reproduction?
- 3.What is fertilisation?
- 4.What is a fertilised egg called?
- 5.What is asexual reproduction?
- 6.Which mode of reproduction does take place in human beings?
- 7.How many partners involve in sexual reproduction?
- 8.Name two animals in which asexual reproduction takes place.
- 9.Name the reproductive organs of male.
- 10.Name the reproductive organs of female.
- 11.Name the modes of reproduction.
- 12.What is male gamete or sperm?
- 13.What is female gamete or ova?
- 14.Which organ produces eggs or ovum?
- 15.Name the male gamete.
- 16.Name the female gamete.
- 17.Which male reproductive organ produces sperm?
  
- 18.In which organ fertilisation take place in female?
- 19.What are the two methods of asexual reproduction?
- 20.Name two animals which undergo external fertilisation.
- 21.Name two animals which undergo internal fertilisation.
- 22.Which type of reproduction takes place in Amoeba?
- 23.What type of reproduction is cloning?
- 24.What is foetus?
- 25.What is IVF technique of reproduction?
- 26.Give the full form of IVF.
- 27.How are test tube babies born?
- 28.What is cloning?

### **Section C (Three marks questions)**

28. Give two differences between a zygote and a foetus.
  
29. Define asexual reproduction. Describe two methods of asexual reproduction in animals.
  
- 30.In which female reproductive organ does the embryo get embedded?

31. What is fertilisation? Differentiate between external and internal fertilisation. Give two examples of each.

32. Describe the process of fertilisation in human beings.

33. Draw a labelled diagram to show the male reproductive system in human beings.

34. Draw a labelled diagram to show the female reproductive system in human beings.

35. Explain how external fertilisation takes place in frogs.

36. Why do animals which undergo external fertilisation lay hundreds of eggs?

37. How does the embryo develop into the foetus?

38. Is it possible to find out whether the foetus is healthy or not?

39. Can the technique of ultrasound of foetus be misused?

40. Give the names of the following processes

1. Product of fertilisation.
2. Baby forming from body cell.
3. Changes taking place during the development of an animal.

**Section D ( five marks questions)**

41. What do you mean by reproduction? Describe various modes of reproduction.

41. Describe the male reproductive organs with the help of a labelled diagram.

Answer:

42. Describe female reproductive organs with the help of a labelled diagram.

43. Explain with a diagram the development of an embryo.

44. Explain how Amoeba reproduce?

45. Mother gives birth to a baby but the baby has characters of both parents. How?

Answer: