

CLASS – VIII

SCIENCE

CHAPTER – 9

MULTIPLE CHOICE QUESTIONS

1. Human Male germ cell is

- a) zygote
- b) ovum
- c) testis
- d) sperm

Answer

2. Every month ___ mature egg(s) can be released from human ovary

- a) 1
- b) 2
- c) 3
- d) 4

Answer

3. Internal fertilization does not occur in

- a) human
- b) dog
- c) fish
- d) cow

Answer

4. Fertilization results into formation of

- a) egg
- b) zygote
- c) sperm
- d) individual

Answer

5. Which one is not an oviparous animal?

- a) human
- b) crow
- c) hen
- d) crocodile

Answer

6. The transformation of the larva into an adult through drastic changes is called

- a) Metaphase
- b) Metastasis
- c) Meteorite
- d) Metamorphosis

Answer

7. In asexual reproduction involves _____

- a) Two parents
- b) Four parents
- c) One parent
- d) No parents

Answer

8. Dolly the famous animal was a

- a) donkey
- b) girl
- c) Cloned sheep
- d) Normal sheep

Answer

9. During a cell division

- a) Nucleus divides first and then cytoplasm
- b) Cytoplasm divides first and then Nucleus

- c) Nucleus and cytoplasm divides together
- d) No such relationship

Answer

10. Budding is found in

- a) Yeast
- b) Hydra and Yeast
- c) Hydra
- d) None

11. The number of eggs produced in internal fertilisation is

- A. more than external fertilization
- B. less than external fertilization
- C. more or less than external fertilisation depending on the environmental conditions
- D. equal to external fertilisation

Answer

12. Reproduction is essential for living organisms in order to:

- A. Continue their species
- B. Maintain growth
- C. Fulfil their energy requirement
- D. Keep the individual organism alive

Answer

13. How many parents are involved in sexual reproduction?

- A. 0
- B. 4
- C. 2
- D. 1

Answer

14. After fertilisation, the _____ divides repeatedly to give rise to a ball of cells.

- A. Ovum
- B. Sperm
- C. Zygote
- D. Embryo

Answer

15. Budding is seen in _____ .

- A. Humans
- B. Amoeba
- C. Hydra
- D. bacteria

Answer

16. Which of the following is not a part of the male reproductive system?

- A. Vas deferens
- B. Ovary
- C. Testes
- D. Penis

Answer

17. A Paramecium reproduces by dividing itself into two daughter cells. This process is called

- A. Budding
- B. Regeneration
- C. binary fission
- D. vegetative propagation

Answer

18. The female gamete produced by the ovary is called ____. It is haploid in nature.

- A. Zygote
- B. ovum
- C. blastula
- D. sperm

Answer

19. Which of the following is the site of fertilisation in humans?

- A. Uterus
- B. Fallopian tube
- C. Ovary
- D. Vagina

Answer

20. Which of the following is not an oviparous animal?

- A. Cow
- B. Silkworm
- C. Hen
- D. Frog

Answer

21. Name the process in which tadpoles develop into young frogs.

- A. Budding
- B. Fertilisation
- C. Metamorphosis
- D. Embedding

Answer

22. The male gamete is called the _____ .

- A. Zygote
- B. Sperm
- C. Eggs
- D. ovaries

Answer

23. The process by which organisms make copies of themselves is called _____ .

- A. reproduction
- B. transpiration
- C. respiration
- D. photosynthesis

Answer

24. The eggs in females is produced by the

- A. testes
- B. Zygote
- C. Sperm
- D. ovaries

Answer

25. Female reproductive system in human beings contains _____ .

- A. two pairs of ovaries
- B. single ovary
- C. a triplet of ovaries
- D. a pair of ovaries

Answer

26. The testes produce male gametes called _____ .

- A. Ovum
- B. Zygote
- C. Foetus
- D. Sperms

Answer

27. Female gamete in humans is called _____ .

- A. Ova
- B. Ovary
- C. Uterus
- D. sperm

Answer

28. What is the advantage of sexual reproduction over asexual reproduction?

- A. There is no advantage – asexual reproduction is more advantageous
- B. There are more variations
- C. Less number of offspring are produced

D. Competition for food is less

Answer

29. Which of the following is an example of a viviparous animal?

A. Cat

B. Cobra

C. Fish

D. Hen

Answer

30. In which of the following organisms does metamorphosis take place?

A. All of the given

B. Silkworm

C. Frogs

D. Butterfly

Answer

VERY SHORT TYPE QUESTIONS & ANSWER

Question 1.

What is reproduction?

Answer:

Reproduction is the biological process by which new individual organisms are produced from their parents.

Question 2.

What is sexual reproduction?

Answer:

Reproduction which involves the fusion of male and female gametes is known as sexual reproduction.

Question 3.

What is fertilisation?

Answer:

The fusion of ova and sperm is called fertilisation.

Question 4.

What is a fertilised egg called?

Answer:

Zygote

Question 5.

What is asexual reproduction?

Answer:

The mode of reproduction in which only a single parent is involved.

Question 6.

Which mode of reproduction does take place in human beings?

Answer:

Sexual reproduction

Question 7.

How many partners involve in sexual reproduction?

Answer:

Two (Parents)

Question 8.

Name two animals in which asexual reproduction takes place.

Answer:

Hydra and yeast

Question 9.

Name the reproductive organs of male.

Answer:

A pair of testes, two spermducts and a penis.

Question 10.

Name the reproductive organs of female.

Answer:

A pair of ovaries, oviducts and uterus.

Question 11.

Name the modes of reproduction.

Answer:

- Sexual reproduction
- Asexual reproduction.

Question 12.

What is male gamete or sperm?

Answer:

The reproductive cell produced by male reproductive organs is called male gamete or sperm.

Question 13.

What is female gamete or ova?

Answer:

The reproductive cell produced by female reproductive organs is called female gamete or ova.

Question 14.

Which organ produces eggs or ovum?

Answer:

A pair of ovary.

Question 15.

Name the male gamete.

Answer:

Sperm

Question 16.

Name the female gamete.

Answer:

Ova or egg

Question 17.

Which male reproductive organ produces sperm?

Answer:

A pair of testes.

Question 18.

In which organ fertilisation take place in female?

Answer:

Fallopian tube

Question 19.

What are the two methods of asexual reproduction?

Answer:

- Budding
- Binary fission

Question 20.

Name two animals which undergo external fertilisation.

Answer:

Frog and fish

Question 21.

Name two animals which undergo internal fertilisation.

Answer:

Human being and cow

Question 22.

Which type of reproduction takes place in Amoeba?

Answer:

Asexual reproduction through binary fission.

Question 23.

What type of reproduction is cloning?

Answer:

Asexual reproduction

Question 24.

What is foetus?

Answer:

Foetus is a well developed embryo.

Question 25.

What is IVF technique of reproduction?

Answer:

It is fertilisation outside the body.

Question 26.

Give the full form of IVF.

Answer:

In vitro Fertilisation.

Question 27.

How are test tube babies born?

Answer:

Test tube babies are born through IVF technique.

Question 28.

What is cloning?

Answer:

Cloning is the production of exact copy of a part of or whole living body.