

## **CHAPTER 8 BIOLOGY**

Question 1: Which of the following is not a mode of asexual reproduction?

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Fertilization

Answer: d) Fertilization

Question 2: The process of asexual reproduction in yeast is called:

- a) Sporulation
- b) Budding
- c) Fragmentation
- d) Regeneration

Answer: b) Budding

Question 3: The process of regeneration is the ability of an organism to:

- a) Produce spores
- b) Grow new body parts from its fragments
- c) Produce gametes
- d) Reproduce by budding

Answer: b) Grow new body parts from its fragments

Question 4: The process of sexual reproduction involves the fusion of:

- a) Two gametes
- b) Two zygotes
- c) Two spores
- d) Two fragments

Answer: a) Two gametes

Question 5: The gametes produced by the male and female organisms are:

- a) Identical
- b) Different
- c) Similar
- d) None of the above

Answer: b) Different

Question 6: The fusion of gametes is called:

- a) Fertilization
- b) Budding
- c) Fragmentation
- d) Regeneration

Answer: a) Fertilization

Question 7: The male gamete in humans is called:

- a) Sperm
- b) Egg
- c) Zygote
- d) Embryo

Answer: a) Sperm

Question 8: The female gamete in humans is called:

- a) Sperm
- b) Egg
- c) Zygote
- d) Embryo

Answer: b) Egg

Question 9: The process of fusion of the male and female gametes to form a zygote takes place in the:

- a) Ovary
- b) Testis

- c) Uterus
- d) Fallopian tube

Answer: d) Fallopian tube

Question 10: The process of formation of a zygote from the male and female gametes is called:

- a) Fertilization
- b) Budding
- c) Fragmentation
- d) Regeneration

Answer: a) Fertilization

Question 11: The process of development of a zygote into a baby takes place in the:

- a) Ovary
- b) Testis
- c) Uterus
- d) Fallopian tube

Answer: c) Uterus

Question 12: The process of shedding of the inner lining of the uterus along with blood is called:

- a) Menstruation
- b) Fertilization
- c) Ovulation
- d) Implantation

Answer: a) Menstruation

Question 13: The process of release of an egg from the ovary is called:

- a) Menstruation
- b) Fertilization
- c) Ovulation
- d) Implantation

Answer: c) Ovulation

Question 14: The process of embedding of the zygote in the wall of the uterus is called:

- a) Menstruation
- b) Fertilization
- c) Ovulation
- d) Implantation

Answer: d) Implantation

Question 15: The process of asexual reproduction in Hydra is called:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Fertilization

Answer: a) Budding

Question 16: The process of asexual reproduction in Planaria is called:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Fertilization

Answer: c) Regeneration

Question 17: The process of asexual reproduction in Spirogyra is called:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Conjugation

Answer: d) Conjugation

Question 18: The process of asexual reproduction in Amoeba is called:

- a) Budding
- b) Fragmentation

- c) Regeneration
- d) Binary fission

Answer: d) Binary fission

Question 19: The process of asexual reproduction in yeast is called:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Sporulation

Answer: a) Budding

Question 20: The process of asexual reproduction in spirogyra is called:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Conjugation

Answer: d) Conjugation

Question 21: Which of the following is not a part of the female reproductive system?

- a) Ovary
- b) Fallopian tube
- c) Prostate gland
- d) Uterus

Answer: c) Prostate gland

Question 22: Which of the following is not a part of the male reproductive system?

- a) Vas deferens
- b) Testis
- c) Prostate gland
- d) Epididymis

Answer: c) Prostate gland

Question 23: The process of fusion of male and female gametes to form a zygote is called:

- a) Fertilization
- b) Implantation
- c) Ovulation
- d) Menstruation

Answer: a) Fertilization

Question 24: The process of formation of gametes is called:

- a) Fertilization
- b) Implantation
- c) Ovulation
- d) Gametogenesis

Answer: d) Gametogenesis

Question 25: The process of gradual development of a mature individual from a zygote is called:

- a) Fertilization
- b) Implantation
- c) Reproduction
- d) Development

Answer: d) Development

Question 26: The process of asexual reproduction in yeast is called:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Sporulation

Answer: a) Budding

Question 27: The process of asexual reproduction in hydra is called:

- a) Budding
- b) Fragmentation

c) Regeneration

d) Sporulation

Answer: a) Budding

Question 28: The process of asexual reproduction in planaria is called:

a) Budding

b) Fragmentation

c) Regeneration

d) Sporulation

Answer: c) Regeneration

Question 29: The process of asexual reproduction in amoeba is called:

a) Budding

b) Fragmentation

c) Regeneration

d) Binary fission

Answer: d) Binary fission

Question 30: Which of the following is not a mode of asexual reproduction?

a) Fragmentation

b) Budding

c) Regeneration

d) Conjugation

Answer: d) Conjugation

Question 31: The process of asexual reproduction in Spirogyra is called:

a) Budding

b) Fragmentation

c) Regeneration

d) Conjugation

Answer: d) Conjugation

Question 32: The process of asexual reproduction in amoeba is an example of:

- a) Binary fission
- b) Budding
- c) Fragmentation
- d) Sporulation

Answer: a) Binary fission

Question 33: The process of asexual reproduction in yeast is an example of:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Sporulation

Answer: a) Budding

Question 34: The process of asexual reproduction in Planaria is an example of:

- a) Budding
- b) Fragmentation
- c) Regeneration
- d) Sporulation

Answer: c) Regeneration

Question 35: The process of sexual reproduction in plants involves the fusion of:

- a) Male and female gametes
- b) Male gamete and ovary
- c) Male gamete and ovule
- d) Female gamete and anther

Answer: a) Male and female gametes

Question 36: The process of sexual reproduction in humans involves the fusion of:

- a) Male and female gametes
- b) Male gamete and ovary



- c) Male gamete and ovule
- d) Female gamete and anther

Answer: a) Male and female gametes

Question 37: The male reproductive organ in humans is called:

- a) Ovary
- b) Testis
- c) Uterus
- d) Fallopian tube

Answer: b) Testis

Question 38: The female reproductive organ in humans is called:

- a) Ovary
- b) Testis
- c) Uterus
- d) Fallopian tube

Answer: a) Ovary

Question 39: The female reproductive cell is called:

- a) Ovum
- b) Sperm
- c) Zygote
- d) Embryo

Answer: a) Ovum

Question 40: The male reproductive cell is called:

- a) Ovum
- b) Sperm
- c) Zygote
- d) Embryo

Answer: b) Sperm

Question 41: The process of fusion of male and female gametes is called:

- a) Fertilization
- b) Pollination
- c) Germination
- d) Reproduction

Answer: a) Fertilization

Question 42: The process of fusion of male and female gametes in a flower takes place in the:

- a) Ovary
- b) Stigma
- c) Anther
- d) Petals

Answer: a) Ovary

Question 43: The process of transfer of pollen grains from the anther of a flower to the stigma of the same or another flower is called:

- A) Fertilization
- b) Pollination
- c) Germination
- d) Reproduction

Answer: b) Pollination

Question 44: The type of pollination in which the pollen grains are transferred from the anther of a flower to the stigma of the same flower is called:

- a) Self-pollination
- b) Cross-pollination
- c) Insect-pollination
- d) Wind-pollination

Answer: a) Self-pollination

Question 45: The type of pollination in which the pollen grains are transferred from the anther of a flower to the stigma of another flower of the same species is called:

- A) Self-pollination
- b) Cross-pollination
- c) Insect-pollination
- d) Wind-pollination

Answer: b) Cross-pollination

Question 46: The type of pollination in which the pollen grains are transferred from one flower to another with the help of insects is called:

- A) Self-pollination
- b) Cross-pollination
- c) Insect-pollination
- d) Wind-pollination

Answer: c) Insect-pollination

Question 47: The type of pollination in which the pollen grains are transferred from one flower to another with the help of wind is called:

- a) Self-pollination
- b) Cross-pollination
- c) Insect-pollination
- d) Wind-pollination

Answer: d) Wind-pollination

Question 48: The process of germination of a seed requires:

- a) Water, air and sunlight
- b) Water, air and soil
- c) Water, air and nutrients
- d) Water, sunlight and nutrients

Answer: c) Water, air and nutrients

Question 49: The reproductive part of a flower is called the:

- a) Stamen
- b) Pistil

c) Sepal

d) Petal

Answer: b) Pistil

Question 50: The transfer of pollen grains from the anther of a flower to the stigma of another flower of the same species is called:

a) Self-pollination

b) Cross-pollination

c) Insect-pollination

d) Wind-pollination

Answer: b) Cross-pollination.