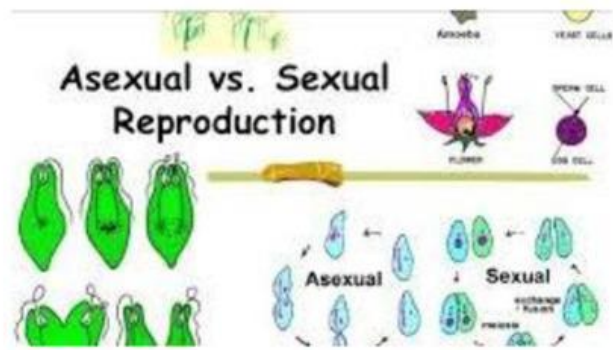


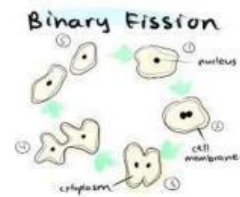
Science Homework



Choose the correct answer in the following.

1- Is this sexual or asexual reproduction?

- a- Sexual
- b- Asexual



2- When compared with the original cell, the cells produced during meiosis

- a- are identical to the original cell
- b- have half the number of chromosomes
- c- have double the number of chromosomes
- d- lack any chromosomes

3- A cell with 10 chromosomes undergoes mitosis. What is the number of daughter cells and the number of chromosomes?

- a- 2 daughter cells, 10 chromosomes each
- b- 1 daughter cell with 10 chromosomes
- c- 4 daughter cells, 5 chromosomes each
- d- 2 daughter cells, 20 chromosomes each

- 4- A cell that has 20 chromosomes undergoes meiosis.
Which of the following is true?
- a- 2 daughter cells will be created, each having 10 chromosomes.
 - b- 4 daughter cells will be created, each having 10 chromosomes.
 - c- 2 haploid cells will be created, each having 20 chromosomes.
 - d- 2 daughter cells will be created, each having 40 chromosomes.
- 5- Sex cells are made up by this type of cellular division.
- a- Mitosis
 - b- Meiosis
 - c- Fertilisation
 - d- Zygote
- 6- Bacteria reproduces through
- a- Meiosis
 - b- Fertilisation
 - c- Mitosis
 - d- Binary fission
- 7- This type of cell division results in genetically different offspring.
- a- Mitosis
 - b- Meiosis
 - c- Fertilisation
 - d- DNA replication
- 8- Skin cells regenerate by
- a- Meiosis
 - b- Mitosis
 - c- Fertilisation
 - d- Binary fission

9- Producing new cells for growth in animals happens through

- a- Meiosis
- b- Mitosis
- c- Binary fission
- d- Fertilisation

10- Production of offspring better at adapting to the environment.

- a- Sexual reproduction
- b- Asexual reproduction
- c- Both



11- Production of more offspring happens in...

- a- Sexual reproduction
- b- Asexual reproduction
- c- Both



12- Passing DNA from parent to offspring.

- a- Sexual reproduction
- b- Asexual reproduction
- c- Both



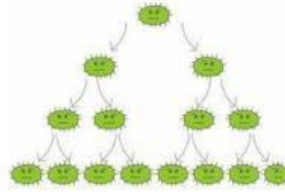
13- This type of reproduction requires an egg and a sperm.

- a- Sexual
- b- Asexual
- c- Both



14- This type of reproduction requires only one parent.

- a- Sexual
- b- Asexual
- c- Both



15- This type of reproduction allows for higher amounts of variation.

- a- Sexual
- b- Asexual
- c- Both

