

Class: X
Subject: Biology
Topic: How Do Organisms Reproduce?
No. of Questions: 20

- Q1. Which of the following animals has the ability to regenerate its lost body parts?
- a) Amoeba
 - b) Planaria
 - c) Paramecium
 - d) Euglena
- Q2. Which part of bryophyllum plant helps in vegetative propagation?
- a) Roots
 - b) Leaves
 - c) Stem
 - d) Flowers
- Q3. Binary fission occurs during _____.
- a) favourable conditions
 - b) unfavourable conditions
 - c) hot conditions
 - d) humid conditions
- Q4. If hydra is cut into two parts, it does not die because _____.
- a) it can form a bud
 - b) it can regenerate into two complete organisms
 - c) it can produce spores
 - d) the two parts are new individuals
- Q5. Which of the following plants does not produce seeds?
- a) Apple
 - b) Pear
 - c) Peach
 - d) Banana

- Q6. 'Bread mould' reproduces by _____.
- a) spore formation
 - b) regeneration
 - c) fission
 - d) budding
- Q7. Which life process is not essential for survival of individual life?
- a) Digestion
 - b) Respiration
 - c) Excretion
 - d) Reproduction
- Q8. The ability of an organism to develop into a whole body from a broken piece is known as _____.
- a) budding
 - b) regeneration
 - c) fusion
 - d) fission
- Q9. Binary fission differs from multiple fission in respect of
- a) the number of individuals formed after fission
 - b) the number of individuals involved
 - c) the sexual form of reproduction
 - d) better survival value to the organisms
- Q10. During vegetative propagation in bryophyllum, buds grow from
- a) shoot tip
 - b) internodes
 - c) notches of leaf
 - d) margin of leaf
- Q11. Spores are produced inside the round blob-like structures known as _____.
- a) sporangia
 - b) capsule
 - c) cyst
 - d) bud

- Q12. Which of the following cells helps to carry out regeneration?
- broken cells
 - normal cells
 - specialized cells
 - differentiated cells
- Q13. Continuity of species is maintained by the process known as _____.
- nutrition
 - speciation
 - reproduction
 - variation
- Q14. Which of the following asexual modes of reproduction is used by the higher plants?
- Spore formation
 - Vegetative propagation
 - Budding
 - Regeneration
- Q15. The mode of reproduction in Leishmania, the organism which causes kala-azar in humans is called _____.
- binary fission
 - multiple fission
 - both (A) and (B)
 - none of these
- Q16. Which of the following statements about regeneration is not true?
- A broken piece or fragment gives rise to a whole new body.
 - It involves specialized cells.
 - It is a mode of sexual reproduction.
 - Cells undergo changes to become different cell types and tissues during regeneration.
- Q17. Spores are released in the air by _____.
- breaking of the wall of sporangium
 - breaking up of whole of the parent body
 - vigorous shaking of the sporangium
 - breaking of the wall of hyphae

- Q18. The biochemical basis of reproduction is _____.
- a) RBC
 - b) WBC
 - c) neuron
 - d) DNA
- Q19. Sporangium develops on slender, erect, thread-like structures called
- a) constrictions
 - b) spores
 - c) buds
 - d) hyphae
- Q20. Which of the following processes helps to produce plasmodium?
- a) binary fission
 - b) multiple fission
 - c) regeneration
 - d) spore formation

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