

SUBJECT - BIOLOGY CLASS- X

ASSIGNMENT NO 7

TOPIC- Our environment Management of natural resources

CLASS –X

MCQ'S Based on practical skills

- 1) A small protuberance observed in yeast cells is called the
a) Flagella b) Pseudopodia c) Branch d) Bud
- 2) Which part of amoeba cell first undergoes a change during binary fission?
a) Nucleus b) Cytoplasm c) Pseudopodia d) Vacuole
- 3) In raisins water enters by the process of
a) exosmosis b) endosmosis c) diffusion d) plasmolysis
- 4) What is the sign of asexual reproduction taking place in yeast cells?
a) vigorously shaking yeast cells b) a chain of buds on yeast cells
c) many single yeast cells d) very large size of yeast cells
- 5) During one binary fission
a) two parent cells produce one daughter cell
b) two parent cells produce two daughter cells
c) one parent cell produces one daughter cell
d) one parent cell produces two daughter cells
- 6) Which of the following statements is a correct?
a) Binary fission is a type of sexual reproduction
b) Budding is a type of asexual reproduction
c) both binary fission and budding is a type of sexual reproduction
d) Budding is a type of asexual reproduction and binary fission is a type of sexual reproduction
- 7) A hypertonic solution has
a) higher water concentration than the cell sap
b) lower concentration than the cell sap
c) lower water concentration than the cell sap
d) higher concentration than the cell sap
- 8) While performing an experiment with raisins, a student recorded the following data
Mass of water taken in the beaker- 50g, Mass of raisins before soaking- 20g, Mass of raisins after soaking- 30g, Mass of water left in the beaker after experiment. The % of water absorbed by the raisins is
a) 10% b) 20% c) 45% d) 50%
- 9) Binary fission and budding are the modes of
a) asexual reproduction b) sexual reproduction c) vegetative propagation d) fragmentation
- 10) Which is the correct sequence of events of binary fission in amoeba given below
i) Nucleus elongates and gets constricted in the middle
ii) parent amoeba divides into two daughter cells
 i) body of amoeba elongates
 ii) division of nucleus is followed by division of cytoplasm

a) i), iv), iii), ii) b) iii), i), iv), ii) c) i), ii), iii), iv) d) iii), iv), i), ii)