



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORK SHEET – 2 (SOLUTIONS)

Class: XII

Sub: BIOLOGICAL SCIENCE

Date: 12.05.2020

Topic: Asexual Reproduction, Regeneration, Fragmentation, Granuale, Sporulation, Vegetative Reproduction

F.M. : 15

Choose the correct option:

(1x15=15)

1. Adventitious leaf buds are found in :-

- a) *Ipoemea* b) Dahlia c) *Bryophyllum* d) All of these

Answer : *Bryophyllum* (c)

2. Tuber consists of a number of depressions called eyes. These represent :-

- a) Internode b) Flower c) Nodes d) seeds

Answer: Nodes (c)

3. Which of the following is an example of rhizome :-

- a) Potato b) Ginger c) *Bryophyllum* d) strawberry

Answer :Ginger (b)

4. Advantages of vegetative reproduction are :-

- a) Rapid b) Economical c) preservation of desirable character d) All of these

Answer :All of these (d)

5. Advantage of asexual reproduction :-

- a) New individual can be produced in short time b) No variation in offsprings c) Only One individual is involved d) Both (a) and (c)

Answer: Both (a) and (c)

6. Non-motile, unicellular spores are called :-

- a) Planospores b) Zoospores c) Aplanospores d) zygote

Answer : Aplanospores (c)

7. Example of sexual spores :-

- a) Conidia b) ascospores c) Basidiospores d) Both (b) and (c)

Answer: both (b) and (c)

8. Sporangiospores are found in :-

- a) *Euglena* b) *Amoeba* c) *Mucor* d) *Selaginella*

Answer: *Mucor* (c)

9. Conidia are borne on specialised hyphae called :-
a) Sporangiphore b) oidiophore c) conidiophores d) None of these
Answer: conidiophore (c)
10. The unicellular dormant spores found endogenously in bacteria are called :-
a) Endospore b) Exospore c) Zoospore d) oidia
Answer: Endospore (a)
11. Regeneration takes place in the following :-
a) Aurelia b) Planaria c) Spirogyra d) Sponge
Answer: Planaria (b)
12. A bud like organ found endogenously in sponge as called :-
a) Zoospore b) Gemmule c) Sporangiospores d) Conidia
Answer: Gemmule (b)
13. Asexual spores formed by fragmentation of a fungal hypha :-
a) Conidia b) Sporangiospore c) Oidia d) chlamydospore
Answer: Oidia (c)
14. Offsprings resemble parent plant in :-
a) Asexual reproduction b) sexual reproduction c) vegetative reproduction d) Both (a) and (c)
Answer :Both (a) and (c)
15. Overcrowding of offsprings occurs in _____ reproduction.
a) Sexual b) Asexual c) Vegetative reproduction d) All of these
Answer : Vegetative reproduction (c)

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