

Class : XIIth
Date :

Subject : BIOLOGY
DPP No. : 7

Topic :- Microbes In Human Welfare

1. Which of the following plants is used as biofertilizer?
a) *Nostoc* b) *Funaria* c) *Volvox* d) *Rhizopus*

2. Antibiotics are used to treat diseases like
a) Diphtheria whooping cough b) Plaque
c) Leprosy d) All of the above

3. The scientific name of zebu is
a) *Bos indicus* b) *Bombyx mori* c) *Bubalus bubalus* d) *Gallus domesticus*

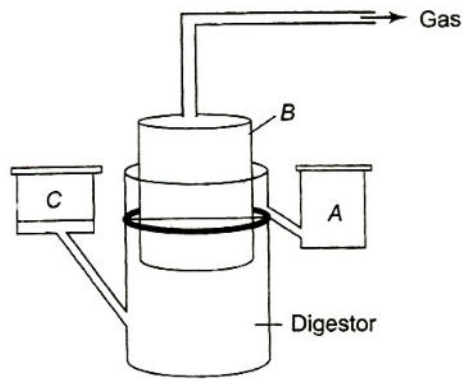
4. Reserpine is obtained from
a) *Asafoetida* b) *Rauwolfia serpentina*
c) *Curcuma longa* d) *Papaver somniferum*

5. The microscopic proteinaceous infectious agents are
a) Viroids b) Prions c) Protozoa d) Bacteria

6. Biochemical Oxygen Demand (BOD) in a river water
a) Has no relationship with concentration of oxygen in the water
b) Gives a measure of *Salmonella* in the water
c) Increases when sewage gets mixed with river water
d) Remains unchanged when algal bloom occurs

7. Autopolyploids (numeric or quantitative polyploids or intraspecific polyploids) like ferns, garden plants, gram, maize, rice, banana, grapes, apple, etc, show
a) Increased gene dosage b) Gigas effect and seedless fruits
c) More yields and better adaptation d) All of the above

8. The below diagram represent a typical biogas plant. Select the correct option for A, B and C refers to



- a) A-Sludge, B-Dung + water, C-CH₄ + CO₂
 b) A-Dung + water, B-Sludge, C-CH₄ + CO₂
 c) A-Sludge, B- CH₄ and CO₂, C-Dung + water
 d) A-CH₄ + CO₂, B-Dung + water, C-Sludge
9. For cryopreservation, plant materials are frozen at
 a) -196°C b) -150°C c) -80°C d) -40°C
10. Activated sludge have the ability to settle quickly so that it can
 a) Be rapidly pumped back from sedimentation to aeration tank
 b) Absorb pathogenic bacteria present in waste water, while sinking to the bottom of the settling-tank
 c) Be discarded and anaerobically digested
 d) Absorb colloidal organic matter
11. Which of the following are the part or example of symbiotic mutualistic association?
 I. Yeast
 II. *Rhizobium*
 III. Mycorrhiza
 IV. *Oscillatoria*
 a) I and II b) I and III c) II and III d) III and IV
12. *Leucaena leucocephala* is
 a) Called subabul
 b) A small leguminous tree with edible fruits and seeds
 c) A fodder plant as its pods and leaves are consumed by cattle
 d) All of the above
13. High content of lysine is present in
 a) Wheat b) Apple c) Maize d) Banana
14. Which one of the following is not a biofertilizer?
 a) *Bacillus thuringiensis* b) *Azotobacter* c) *Azolla* d) *Clostridium*

15. Which of the following helps in absorption of phosphorus from soil by plants?
a) *Rhizobium* b) *Frankia* c) *Anabaena* d) *Glomus*
16. Both power and manure are provided by
a) Biogas b) Water gas c) Energy crops d) Nuclear plant
17. Opium is obtained from
a) *Oryza sativa* b) *Selection* c) *Thea sinensis* d) *Papaver somniferum*
18. The part of castor seed that yields oil is
a) Cotyledon b) Caruncle c) Endosperm d) Nucellus
19. Which one of the following is a viral disease of poultry?
a) Salmonellosis b) Coryza c) New castle disease d) Pasteurellosis
20. Which one of the following is a disease of poultry?
a) Foot and mouth disease b) Pebrine disease
c) Anthrax d) Ranikhet disease

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