



TARGET : NEET (UG) 2024

Course : SARANSH (Youtube Live CRASH COURSE)

BIOLOGY

DPP

DAILY PRACTICE PROBLEMS

DPP NO. 1

ZOOLOGY: Microbes in human welfare

DPP No. : 1

- Alcoholic beverages are obtained with the help of
(1) *Penicillium* (2) Yeast (3) Blue-green algae (4) None of the above
- Which enzymes are utilized for making the bottled fruit juices?
(1) Lipases (2) Pectinases and proteases
(3) Amylases (4) Tyrosinase
- During idli/ dosa preparation puffed up appearance of dough is due to :
(1) Bacteria (2) Fungi (3) Protozoa (4) CO₂
- Which of the following product is formed by the action of fungi?
(1) Curd (2) Roquefort cheese (3) Butyric acid (4) Swiss cheese
- Last step in biogas production is carried out by
(1) Decomposer microbes (2) Fermentative microbes
(3) Methanogens (4) Thermoacidophiles
- Masses of bacteria associated with fungal filaments to form mesh like structure is known as
(1) Flocs (2) Flanks (3) Sludge (4) BOD
- Activated sludge is the sedimentation production of
(1) Primary treatment (2) Secondary treatment
(3) Tertiary treatment (4) All of these
- Large holes in "Swiss cheese" are due to production of large amount of CO₂ by..... bacterium
(1) *Leuconostoc mesenteroide* (2) *Propionibacterium sharmanii*
(3) *Thermococcus proteus* (4) *Staphylococcus thermophilus*
- Which of the pair of products are produced by the action of fungi?
(1) Citric acid and Statins (2) Butyric acid and Alcohol
(3) Streptokinase and Acetic acid (4) Curd and Alcohol
- Which of the microbial product is also known as 'Clot Buster'?
(1) Cyclosporin A (2) Streptokinase (3) Statins (4) Butyric acid
- Statins are used as blood cholesterol reducing agents and are obtained by action of
(1) Fungus (2) Bacteria (3) Protozoa (4) Prions
- LAB(Lactic Acid Bacteria) is practically used for:
(1) Making bread (2) Making idli and dosa
(3) Curdling (4) All of these
- Which microbial product is related with *Monascus purpureus*?
(1) Statins (2) Cyclosporin (3) Acetic acid (4) Butyric acid

14. *Saccharomyces cerevisiae* is also known as:
 (1) Baker's yeast (2) Brewer's yeast
 (3) Clot buster (4) Both (1) and (2)
15. The effluent obtained after secondary treatment in a sewage treatment plant (STP) is:
 (1) Less polluting and can be used for drinking
 (2) Non-polluting and can be used for drinking
 (3) Less polluting and is released into rivers and streams
 (4) Non-polluting and is released into rivers and streams

16. Match the items in column-I and column-II and choose the correct answer:

Column-I	Column-II
A. Lady bird	(i) Methanobacterium
B. Mycorrhiza	(ii) Trichoderma
C. Biological control	(iii) Aphids
D. Biogas	(iv) Glomus

The correct answer is :

- (1) A = (ii), B = (iv), C = (iii), D = (i) (2) A = (iii), B = (iv), C = (ii), D = (i)
 (3) A = (iv), B = (i), C = (ii), D = (iii) (4) A = (iii), B = (ii), C = (i), D = (iv)
17. How many products of the following are produced by the action of the fungi?
 [Alcohol, Cyclosporin A, Citric Acid, statins, Bread]
 (1) 2 (2) 3 (3) 4 (4) 5
18. Cyclosporin A is produced commercially by action of :
 (1) Trichoderma - Fungus (2) Trichoderma – Bacteria
 (3) Monascus - Fungus (4) Monascus - Bacteria
19. **ASSERTION** : Curd is better and more nutritious than milk.
REASON : Consumption of curd decreases the body immunity.
 (1) Both assertion and reason are true but reason is the correct explanation of assertion.
 (2) Both assertion and reason are true but reason is not the correct explanation of assertion.
 (3) Assertion is true but reason is false.
 (4) Both assertion and reason are false
20. *Monascus purpureus* is aA which is known for production of a blood cholesterol lowering agent A is respectively :
 (1) Fungi (2) Bacteria
 (3) Protozoa (4) Fungi