

**Topic :- Microbes In Human Welfare**

- Which type of honey bees are useful for apiary industries in India?  
a) *Apis indica*                      b) *Apis dorsata*                      c) *Apis mellifera*                      d) *Apis florae*
- The term heterosis was first coined by  
a) McClintock                      b) Boweri                      c) Swaminathan                      d) None of these
- Consider the following statements  
I. Yeast used in making bread and beverages is a prokaryotic fungus  
II. Streptokinase is produced by *Streptococcus* and modified by genetic engineering is used as a clot buster  
III. Lipases are added in detergent for removing only stains from laundry  
IV. Pectinases are used in clearing fruit juices  
Which of the statement given above are correct?  
a) I, II, III and IV                      b) I, II and III                      c) II, III and IV                      d) III and IV
- A sewage treatment process in which a part of decomposer bacteria present in the wastes is recycled into the starting of the process is called  
a) Cyclic treatment                      b) Activated sludge treatment  
c) Primary treatment                      d) Tertiary treatment
- The main sources of biofertilisers are  
a) Protista                      b) Cyanobacteria                      c) Fungi                      d) All of these
- Cotyledons and testa are edible parts of  
a) Groundnut and pomegranate                      b) Walnut and tamarind  
c) French bean and coconut                      d) Cashew nut and litchi
- Cotton fibre is basically a type of  
a) Trichome                      b) Scale                      c) Dried seed coat                      d) Non glandular hair
- Name the group of microbes used in biogas production  
a) Lactic acid bacteria                      b) Yeasts                      c) Cyanobacteria                      d) Methanogens
- Root cells of wheat has  $2n = 42$  chromosomes. Which one of the following is the basic chromosome

- number of wheat?
- a) 42    b) 21    c) 7    d) 14
10. An undistilled alcoholic beverage produced from grain-mesh fermentation is
- a) Beer    b) Rum    c) Curd    d) Wine
11. Cytosporin-A an immunosuppressive drug is produced by the fungus
- a) *Aspergillus niger*    b) *Monascus purpureus*
  - c) *Penicillium notatum*    d) *Trichoderma polysporum*
12. Choose the cat fish from the following
- a) *Cirrhina mrigala*    b) *Wallago attu*    c) *Labeo rohita*    d) *Catla catla*
13. 'Jaya' and 'Ratna' developed for green revolution in India are the varieties of
- a) Rice    b) Wheat    c) Bajra    d) Maize
14. Shakti, Rattan and Protina are three important lysine rich varieties of
- a) Rice    b) Pulses    c) Wheat    d) Maize
15. Gobar gas generation technology was developed by the collaboration of ...A... and ...B... . Here A and B refers to
- a) A-Rural Bank of India, B-Khadi and Village industries Commission
  - b) A-Indian Agricultural Research Institute, B-Khadi and Village Industries Commission
  - c) A-National Bank for Agriculture and Development, B-Indian Agricultural Research Institute
  - d) A-National Bank for Agriculture and Development, B-Khadi and Village Industries Commission
16. Select the correct statement from the once given below
- a) Barbiturates when given to criminals make them tell the truth
  - b) Morphine is often given to persons, who have undergone surgery as a pain killer
  - c) Chewing tobacco lowers blood pressure and heart rate
  - d) Cocaine is given to patients after surgery as it stimulates recovery
17. Pyrethrin is extracted from
- a) *Chrysanthemum cinorariifolium*    b) *Derris eliptica*
  - c) *Azadirachta indica*    d) *Ryania speciosa*
18. Cod and shark liver oil is a source of
- a) Energetic nutrients    b) Constructive nutrients
  - c) Energetic and constructive nutrients    d) Protective nutrients
19. Agricultural chemicals include
- a) Growth regulators    b) Fertilizers    c) Pesticides    d) All of these

20. Leaves of which plant can sharpen the memory?

a) *Asparagus*

b) *Adhatoda*

c) *Aloe vera*

d) *Ocimum*

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