

# St. Arnold's English medium school meghnagar

Test - 1

Sub. - Science

Class -8 th

Topic - Microorganism

Marks : 20

1.Question: Fill in the blanks:. ( 02)

- (a) Microorganisms can be seen with the help of a \_\_\_\_\_.
- (b) Blue green algae fix \_\_\_\_\_ directly from air to enhance fertility of soil.
- (c) Alcohol is produced with the help of \_\_\_\_\_.
- (d) Cholera is caused by \_\_\_\_\_.

2.Question: Tick the correct answer:. (05)

1) Yeast is used in the production of

- (i) sugar.            (ii) alcohol            (iii) hydrochloric acid            (iv) oxygen

2) The following is an antibiotic

- (i) Sodium bicarbonate            (ii) Streptomycin            (iii) Alcohol            (iv) Yeast

3) Carrier of malaria-causing protozoan is

- (i) female Anopheles mosquito            (ii) cockroach            (iii) housefly            (iv) butterfly

4) The most common carrier of communicable diseases is

- (i) ant            (ii) housefl            (iii) dragonfly            (iv) spider

5) The bread or idli dough rises because of

- (i) heat.            (ii) grinding            (iii) growth of yeast cells            (iv) kneading

6) The process of conversion of sugar into alcohol is called

(i) nitrogen fixation      (ii) moulding      (iii) fermentation      (iv) infection

7).What is spirogyra ?

I. An algae      II. A fungi      III. A protozoa      IV. A bacteria

8) Who discovered vaccine for small pox ?

I. Louis Pasteur      II. Alexander Fleming      III. Edward Jenner      IV. John Mendal

9) What is the amount of nitrogen in the atmosphere?

I. 58%      II. 68%      III. 78%      IV. 88%

10) Mushroom is a

I. Algae      II. Virus      III. Fungi      IV. None of these

**3. Question: Match the organisms in Column I with their action in Column II. (03)**

Column A

Column B

- |                     |                          |
|---------------------|--------------------------|
| (i) Bacteria        | (a) Fixing Nitrogen      |
| (ii) Rhizobium      | (b) Setting of curd      |
| (iii) Lactobacillus | (c) Baking of bread      |
| (iv) Yeast          | (d) Causing Malaria      |
| (v) A protozoan     | (e) Producing antibodies |
| (vi) A Virus        | (f) Causing AIDS         |

**Q.IV Short answer type question: ( 5 ×2= 10)**

1 How are viruses different from other microbes?

2 What are antibiotics? What are their uses ?

3 What is fermentation?

4 What are the major group of microorganism?

## 5 Where do microorganism live?

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