



ROYAL COLLEGE – COLOMBO 07.

UNIT TEST – FEBRUARY 2019


SCIENCE – GRADE 8

Name : Class : 40 minutes

Answer all the question.

PART - I

1. Underline the most suitable answer.

- (i) Micro-organisms are observed for the first time by,
 (1) Issac Newton (2) Galilio Galilei
 (3) Anton Van Leeuwenhoek (4) Louis Pasteur
- (ii) Mushroom is,
 (1) A type of algae (2) A type of fungi
 (3) A type of bacteria (4) A type of virus
- (iii) The disease spread by a virus is,
 (1) Pityriasis (2) Lepracy
 (3) Common cold (4) Amoebiosis
- (iv) Product manufactured using micro-organism is,
 (1) Antibiotics (2) Curd
 (3) Vinegar (4) All of the above
- (v)  The organism given in the diagram is,
 (1) Amoeba (2) Chlamydomonas
 (3) Euglena (4) Yeast
- (vi) The gas which evolves during the reaction between warm water, yeast and sugar solution is,
 (1) Oxygen (2) Nitrogen
 (3) Carbon dioxide (4) Methan

- (vii) The micro-organism group which do not cause diseases to human is,
 (1) Virus (2) Fungi
 (3) Protozoa (4) Algae
- (viii) Organism that is responsible for the formation of white fibre like structures and black structures on bread is,
 (1) Fungi (2) Virus
 (3) Algae (4) Bacteria
- (ix) An organism which belongs to the group cnidaria is,
 (1) Butterfly (2) Hydra
 (3) Leach (4) Prawn
- (x) The group of organisms to which most of the animals are included is,
 (1) Mollusca (2) Annelida
 (3) Cnidaria (4) Arthropod

(1 x 10 = 10 marks)

2. **Mark (✓) if the given sentences are correct and (X) if the sentences are incorrect.**

- (i) Micro-organisms are made up of one or more cells. ()
- (ii) Growth of micro-organisms on sugar containing food is called as rancidity. ()
- (iii) Yeast is grows on coconut water which is kept open for few days. ()
- (iv) Simple microscope can be used to observe micro-organisms. ()
- (v) Putrefaction occurs due to the activity of micro-organisms on protein food. ()
- (vi) Food spoilage occurs due to the activity of micro-organisms only. ()
- (vii) Dengue is caused by a virus. ()
- (viii) Organisms which belongs to cnidaria have bilateral symmetrical bodies. ()

- (ix) Annelida organisms are also known as segmented worms. ()
- (x) Octopus belongs to phylum Annelida. ()

(1 x 10 = 10 marks)

3. Fill in the blanks using suitable words given within the brackets.

- (i) Porous nature of bread is obtained by gas.
- (ii) Temperature and should be suitable for the activity of micro-organisms.
- (iii) Growth of micro-organisms on oily food is called as
- (iv) Activity of anaerobic micro-organisms on organic materials produces gas.
- (v) Moulds on cloths and walls are caused by micro-organisms that belongs to the group of
- (vi) The micro-organism group that show both living and non-living features is
- (vii) Micro-organisms are used in the production of
- (viii) Having is a feature of animals belongs to phylum Arthropoda.
- (ix) Animals in phylum Mollusca have a
- (x) Grouping animals considering their basic characteristics is know as

(Compost , jointed appendages , muscular foot , classification , moisture , methane , carbon dioxide , rancidity , fungi , virus)

(1 x 10 = 10 marks)

4. Select the most suitable answer.

- (i) Food can be preserved by making “Lunu Dehi” reducing
(Water/pH value)
- (ii) Micro-organisms that can live independently in the environment are (Algae / virus)
- (iii) (bright / Mastitis) is a disease caused by micro-organisms to animals.
- (iv) (Yeast / Bacteria) is used in bakery industry.
- (v) Activity of sugar, yeast and warm water forms the smell of (Alcohol / carbon dioxide).
- (vi) Making ‘jadi’ controls the (temperature / pH value) suitable to the growth of micro-organisms.
- (vii) Two body forms as Medusa and polyp can be seen in (cnidaria / Mollusca)
- (viii) Having a body covered by a shell is a feature of (cnidaria / Mollusca)
- (ix) Paralizing the pray using cnidocytes is a feature of (Arthropoda / cnidaria)
- (x) The Group of invertebrate animals with wings is (Arthropoda / Mollusca)

(1 x 10 = 10 marks)

5. Give Short answers.

(i) Write two instances where micro-organisms used are in medical industry?

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(ii) Write two harmful effects of micro-organisms to humans

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(iii) Write two environments that micro-organisms can grow

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(iv) Write two animals belongs to Annelida

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(v) Write two differences between.

Arthropoda	Mollusca
1	
2.	

(1 x 10 = 10 marks)

(2 x 50 = 100 marks)