

# **ROYAL COLLEGE – COLOMBO 07.**

# **UNIT TEST – FEBRUARY 2019**

#### **SCIENCE - GRADE 8**

Name:	Class :	40 minutes
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### Answer all the question.

### PART - I

			17111			
Unde	Underline the most suitable answer.					
(i)	Micro-organisms are observed for the first time by,					
	(1)	Issac Newt	con	(2)	Galilio Galilei	
	(3)	Anton Van	Leeuwenhoek	(4)	Louis Pasteur	
(ii)	Mushr	oom is,				
	(1)	A type of a	lgae	(2)	A type of fungi	
	(3)	A type of b	acteria	(4)	A type of virus	
(iii)	The di	sease sprea	d by a virus is,			
	(1)	Pityriasis		(2)	Lepracy	
	(3)	Common c	old	(4)	Amoebiocis	
(iv)	Produ	ct manufact	cured using mic	ro-orga	nism is,	
	(1)	Antibiotics	3	(2)	Curd	
	(3)	Vinegar		(4)	All of the above	
(v)	The organism given in the diagram is,					
		(1)	Amoeba	(2)	Chlamydomonas	
	$\bigcirc$	(3)	Euglena	(4)	Yeast	
(vi)			olves during the	e reactio	on between warm water, yeast and	
	(1)	Oxygen		(2)	Nitrogen	
	(i) (ii) (iv) (v)	(i) Micro- (1) (3)  (ii) Mushr (1) (3)  (iii) The di (1) (3)  (iv) Produ (1) (3)  (v)  (v)  The gas sugar	(i) Micro-organisms (1) Issac Newt (3) Anton Van  (ii) Mushroom is, (1) A type of a (3) A type of b  (iii) The disease spread (1) Pityriasis (3) Common comm	Underline the most suitable answer.  (i) Micro-organisms are observed for (1) Issac Newton (3) Anton Van Leeuwenhoek  (ii) Mushroom is, (1) A type of algae (3) A type of bacteria  (iii) The disease spread by a virus is, (1) Pityriasis (3) Common cold  (iv) Product manufactured using mic (1) Antibiotics (3) Vinegar  (v) The organism gives (1) Amoeba (3) Euglena  (vi) The gas which evolves during the sugar solution is,	Underline the most suitable answer.  (i) Micro-organisms are observed for the fine (1) Issac Newton (2) (3) Anton Van Leeuwenhoek (4)  (ii) Mushroom is, (1) A type of algae (2) (3) A type of bacteria (4)  (iii) The disease spread by a virus is, (1) Pityriasis (2) (3) Common cold (4)  (iv) Product manufactured using micro-organ (1) Antibiotics (2) (3) Vinegar (4)  (v) The organism given in the (1) Amoeba (2) (3) Euglena (4)  (vi) The gas which evolves during the reaction sugar solution is,	

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(4)

Meathan

(3)

Carbon dioxide

2.

The micro-organism group which do not cause diseases to human is,				S,		
(1)	Virus	(2)	Fungi			
(3)	Protozoa	(4)	Algae			
Orga	nism that is respo	onsible for the form	ation of white fibre like str	uctures		
and b	olack structures o	on bread is,				
(1)	Fungi	(2)	Virus			
(3)	Algae	(4)	Bacteria			
An organism which belongs to the group cnidaria is,						
(1)	Butterfly	(2)	Hydra			
(3)	Leach	(4)	Prawn			
The g	group of organisr	ns to which most o	f the animals are included i	S,		
(1)	Mollusca	(2)	Annelida			
(3)	Cnidaria	(4)	Arthropod			
			$(1 \times 10 = 10)$	marks)		
(√) i	f the given sen	tences are corre	rt and (X) if the sentence	es are		
				es are		
	o-organisms are	made up of one or i	more cells.	( )		
Grow	th of micro-orga	nisms on sugar cor	ntaining food is called as			
ranci	dity.			( )		
Yeast	t is grows on coc	onut water which is	s kept open for few days.	( )		
Simp	le microscope ca	n be used to observ	ve micro-organisms.	( )		
Putre	efaction occurs d	ue to the activity of	micro-organisms on			
prote	ein food.			( )		
Food	spoilage occurs	due to the activity (	of micro-organisms only.	( )		
Deng	rue is caused by a	virus.		( )		
Organisms which belongs to cnidaria have bilateral						
cumr	notrical hadias			( )		
	(1) (3) Orgal and b (1) (3) An ori (1) (3) The g (1) (3)  (*/) if rect. Microl Grow ranci Yeass Simp Putre Food Deng Orgal	(1) Virus (3) Protozoa  Organism that is responsed and black structures of the control of the co	(1) Virus (2) (3) Protozoa (4)  Organism that is responsible for the form and black structures on bread is, (1) Fungi (2) (3) Algae (4)  An organism which belongs to the group (1) Butterfly (2) (3) Leach (4)  The group of organisms to which most of (1) Mollusca (2) (3) Cnidaria (4)  (*/) if the given sentences are corrected.  Micro-organisms are made up of one or an accidity.  Yeast is grows on coconut water which is Simple microscope can be used to observe Putrefaction occurs due to the activity of protein food.  Food spoilage occurs due to the activity of Dengue is caused by a virus.  Organisms which belongs to cnidaria have	(1) Virus (2) Fungi (3) Protozoa (4) Algae  Organism that is responsible for the formation of white fibre like strand black structures on bread is, (1) Fungi (2) Virus (3) Algae (4) Bacteria  An organism which belongs to the group cnidaria is, (1) Butterfly (2) Hydra (3) Leach (4) Prawn  The group of organisms to which most of the animals are included in (1) Mollusca (2) Annelida (3) Cnidaria (4) Arthropod  (1 x 10 = 10)  (*/) if the given sentences are correct and (X) if the sentence rect.  Micro-organisms are made up of one or more cells.  Growth of micro-organisms on sugar containing food is called as rancidity.  Yeast is grows on coconut water which is kept open for few days.  Simple microscope can be used to observe micro-organisms on protein food.  Food spoilage occurs due to the activity of micro-organisms only.  Dengue is caused by a virus.  Organisms which belongs to cnidaria have bilateral		

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	(ix)	Annelida organisms are also known as segmented worms.	( )
	(x)	Octopus belongs to phylum Annelida.	( )
		$(1 \times 10 = 10)$	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 mic	cro-organisms.	
	(iii)	Growth of micro-organisms on oily food is called as	
	(iv)	Activity of anaerobic micro-organisms on organic materials p	roduces
		gas.	
	(v)	Moulds on cloths and walls are caused by micro-organisms that be	longs to
		the group of	
	(vi)	The micro-organism group that show both living and non-living fea	atures 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 k	now as
	(0	Compost , jointed appendages , muscular foot , classification ,	
	n	noisture, methane, carbon dioxide, rancidity, fungi, virus)	
		$(1 \times 10 = 10)$	marks)

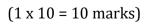
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## 4. Select the most suitable answer.

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





## 5. Give Short answers.

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(i)	Write two instances where micro-organisms used are in medical industry?		
(ii)	Write two harmful effects of micro-or	rganisms to humans	
(iii)	Write two environments that micro-organisms can grow		
(iv)	Write two animals belongs to Annelio	da	
(v)	Write two differences between.		
	Arthropoda	Mullusca	
	1		
	2.		

(1 x 10 = 10 marks)

 $(2 \times 50 = 100 \text{ marks})$ 

