



- (ix) A collection of organisms of the same species living in an ecosystem is called  
 A. Population ( ) C. Biome  
 B. Community D. Biosphere
- (x) Which enzyme is found in saliva ( )  
 A. Lipase C. Ptyalin  
 B. Maltase D. Pepsin

Question	i	ii	iii	iv	v	vi	vii	viii	ix	x
<b>1</b>										
<b>Answer</b>										

2. Match the responses in List B with the phrases in List A by writing the letter of the correct response from list B below the item number of list A in the table below

Question	i	ii	iii	iv	v	vi	vii	viii	ix	x
<b>2</b>										
<b>Answer</b>										

LIST A		LIST B	
(i)	Organisms make food using light energy	(a)	Symbiosis
(ii)	A close relationship between species	(b)	Micronutrients
(iii)	Nutrients required in the body in large quantities	(c)	Macrominerals
(iv)	Nutrients required in the body in small quantities	(d)	Saprophytism
(v)	A meal that contains all nutrients in right quantities	(e)	Balanced Diet
(vi)	A relationship in which all species benefit	(f)	Microminerals
(vii)	A relationship in which one species benefits and another suffers harm	(g)	Commensalism
(viii)	A nutrition in which organisms make own food	(h)	Chemosynthesis
(ix)	A nutrition in which organisms feed on already made food	(i)	Heterotrophism
(x)	A nutrition in which organisms feed on dead organic matter.	(j)	Predation
		(k)	Photosynthesis
		(l)	Mutualism
		(m)	Macronutrients
		(n)	Autotrophism
		(o)	Parasitism

3. Write **TRUE** if the statement is correct or **FALSE** if the state is not correct, and write your answers in the table below

Question	i	ii	iii	iv	v	vi	vii	viii	ix	x
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<b>2</b>										
<b>Answer</b>										

- (i) A microscope helps us see small objects that cannot be seen with naked eye \_\_\_\_\_
- (ii) Plant cells have cellulose cell wall while animal cells do not \_\_\_\_\_
- (iii) We can use dry wooden stick to move a victim of electric shock from the source of electric current \_\_\_\_\_
- (iv) Biologists study both plants and animals \_\_\_\_\_
- (v) Candidiasis is a sexually transmitted disease \_\_\_\_\_
- (vi) An organism whose cells have a cell wall made of chitin belongs to kingdom Fungi \_\_\_\_\_
- (vii) The end products of lipid digestion are amino acids \_\_\_\_\_
- (viii) A neuron found in human eye is an example of an organ \_\_\_\_\_
- (ix) The best method of disposing hazardous waste is incineration \_\_\_\_\_
- (x) The known types of microscopes are light microscope and terrestrial microscope \_\_\_\_\_

**SECTION B**

4. (a) Define classification

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(b) List five kingdoms of classification

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(c) State four advantages of Fungi

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5. (a) What is laboratory?

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(b) Outline four qualities of a good laboratory

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(c) State three apparatuses found in a biology laboratory and their uses

<b>Apparatus</b>	<b>Use</b>

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6. (a) Define photosynthesis

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(b) State two of each of the following

(i) Raw materials of photosynthesis

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(ii) Conditions of photosynthesis

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(iii) Products of photosynthesis

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(c) Mention three factors that affect the rate of photosynthesis

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7. (a) What do you understand by the term personal hygiene?

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(b) Mention four requirements of personal hygiene

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(c) State four ways of maintaining personal hygiene during puberty

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8. The figure below illustrates part of the human digestive system

(a) Name the parts labelled

- (i) A \_\_\_\_\_
- (ii) B \_\_\_\_\_
- (iii) C \_\_\_\_\_
- (iv) D \_\_\_\_\_
- (v) E \_\_\_\_\_
- (vi) F \_\_\_\_\_
- (vii) H \_\_\_\_\_

(b) State the secretions (juices) produced by structures labelled

- (i) B  
\_\_\_\_\_
- (ii) C  
\_\_\_\_\_
- (iii) G  
\_\_\_\_\_

(c) In which part does the digestion of fats and oils begin?

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**SECTION C**

9. Elaborate (describe) three traditional methods and three modern methods used in food processing, preservation and storage.
10. Explain the causes, symptoms, and prevention measures of malaria.

\*\*\*\* END \*\*\*\*