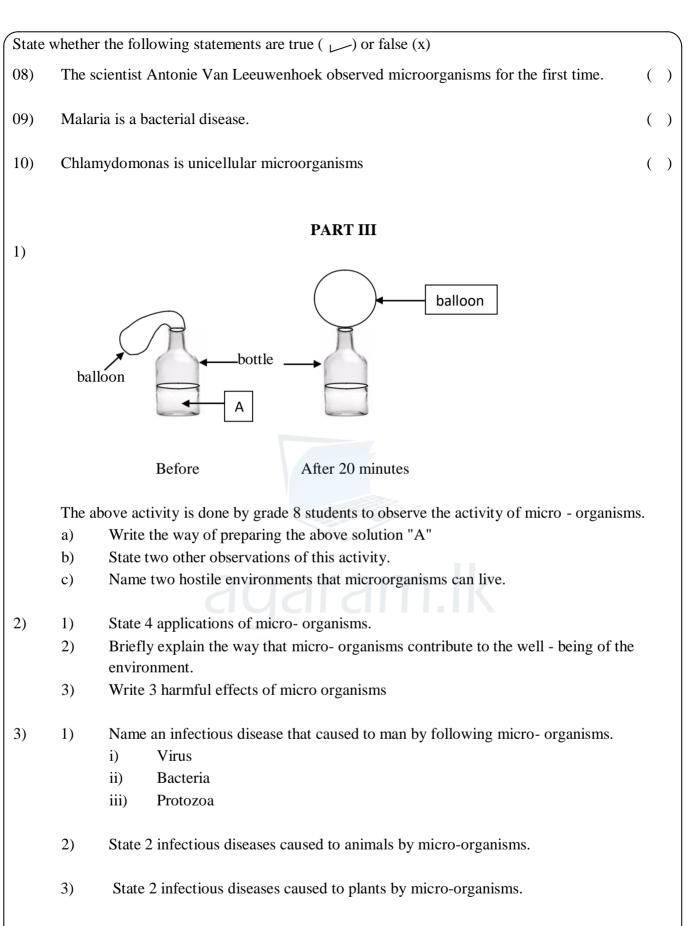
				Colombo 10 VIDYALAYA VIDYALAYA NALANDA VIDYALAYA						
			Science							
Under	·line the	e most suitable answer								
1)	i)	Bacteria	ii)	Yeast						
	i) iii)	Paramecium	iv)	Algae						
	111)	T drameetum	1v)	Algae						
2)	An in	fectious disease caused by viruse	s,							
	i)	Pityriasis	ii)	Leprosy						
	iii)	Dengue	iv)	Malaria						
3)		nicrobial activity on food high in	e							
	i)	Putrefaction	ii)	Rancidity						
	iii)	Decomposition	iv)	Fermentation						
4)	Out o	f the following statements select	the most suit	table statement regarding micro - organism?						
.,	i)	of the following statements select the most suitable statement regarding micro - organism? A hand lense can be used to observe micro - organisms								
	ii)	Micro - organisms are uni - cellular organisms								
	iii)	These organisms cannot be seen to the naked eye								
	iv)	All the micro - organisms cause diseases to man								
				m IK						
5)	The te	The temperature range for the microbial growth is,								
	i)	$20^{\circ} - 30^{\circ} C$	ii)	25^{0} C - 35^{0} C						
	iii)	25^{0} C - 30^{0} C	iv)	20^{0} C - 30^{0} C						
\sim	XX71 -1-1	h ' '. f (' 1'								
6)	i)	h is an infectious disease caused t Blight	io anniais by ii)	Putrefaction						
	i) iii)	Mastitis	iv)	Mosaic disease						
	111)	Widstitis	1.)	Wosale disease						
7)										
	metho									
	i)	Water	ii)	Temperature						
	iii)	pH range	iv)	Substrate						

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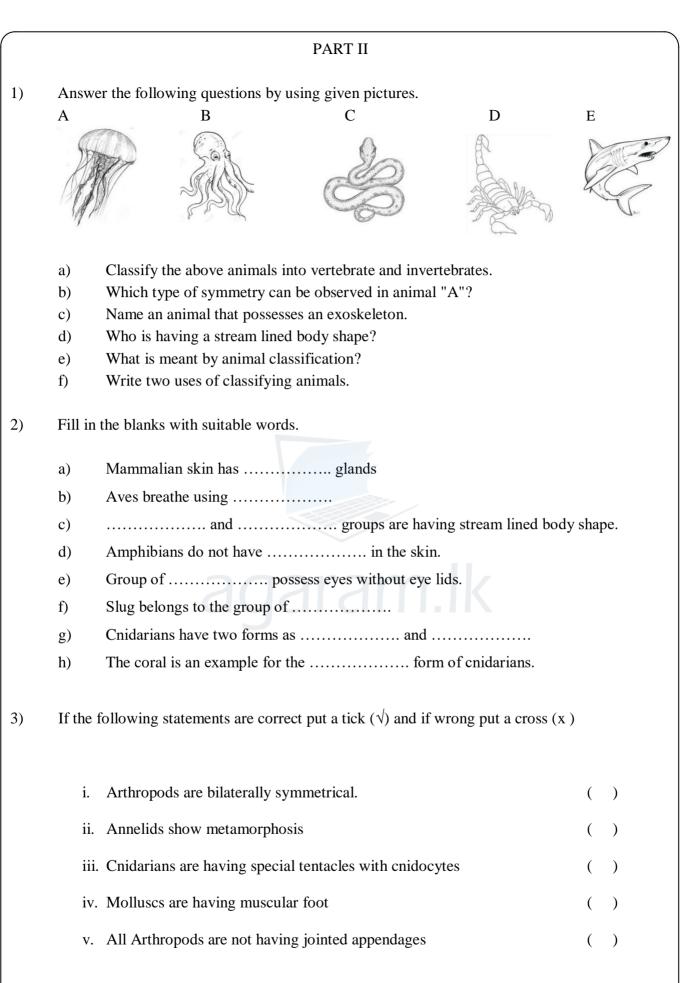
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/	¥	NALANDA VID	YNala	nda Vidyala	yaA– C	Colomb	bo 10 VID	YALAYA	A D
S		NALANDA VID	YALAY		ANDA V st Project	/IDYAL	LAYA N	ALANDA	VIDYALAYA
		Grade	e 8	S	cience		Unit 2 -	- Animal Classifi	cation
Under 1)		most suitable a nimal group wit		scular foot is					
,	i)	Mollusca			ii)	Arthro	opoda		
	iii)	Cnidaria			iv)	Annel	-		
2)	The in	vertebrate grou	ıp whicl	h doesn't show	bilatera	ıl symm	etry is		
	i)	Annelida			ii)	Cnida	ria		
	iii)	Mollusca			iv)	Pisces			
3)	Which	animal correct	•	-	he releva		• •		
	i)	Salamander -	Reptilia	L		ii)	Dolphin - I	Pisces	
	iii)	Loris - Mamm	nalia			iv)	Tortoise - A	Amphibia	
4)	Selec	t the answer that	at incluc	les only verteb	orates				
	i)	Leech, Snail,	Dragon	fly, Python					
	ii)	Cock, Dog, P	ython, H	Bat					
	iii)	-		, Dragonfly, S					
	iv)	Bat, Beetle, S	ea anen	none, Butterfly	7				
5)	Has mammary glands Skin has sweat glands Posses an external ear								
	Above	Above features are present in the group of,							
	i)	Aves	ii)	Mammalia		iii)	Reptilia	iv)	Amphibia
6)	What	is the vertebrate	e group	which shows	metamo	rphosis	?		
	i)	Amphibia	ii)	Arthropoda		iii)	Mollusca	iv)	Aves
7)	This is i) iii)	s not a correct s Breath using J Skin is glandu	lungs	nt above reptili	an grou ii) iv)	Posses	ss a dry skin mbs for loco		5
		_							
08)	A segiii)	mented worm is Cobra	s, ii)	Viper	iii)	Nereis	s iv)	Snail	
	,		,	-	,		5 17)	Gilail	
09)		nimal does not	-	• •			. .	-	
	i)	Bat	ii)	Swan	iii)	Owl	iv)	Parrot	
10)	An an	nphibian which	does no	ot possess limb	os is,				
	i)	Toad	ii)	Frog	iii)	Ichthy	vophis	iv)	Salamander







		NALANDA VI						ombo 10 V		LAYA
S		NALANDA VIDYALAYA NALANDA VIDYALAYA NALANDA V Unit Test Project						VIDTALATA		
		Grad	de 8		Scie	ence		Unit 3 - functi parts.	ions of p	•
Under	rline the	e most suitable	answer							
1)	-	lants which gr ced leaves is o Kaneru				ne plants		ect the above		
2)	Whiat	n plant has veg	ratativa	atam?						
2)	i)	Begonia	getative	ii)	Kithul	iii	i)	Potatoes	iv)	Venival
3)	Whicl	n plant has aer	ial roots	?						
	i)	Rath Kadol		ii)	Vanila	iii	i)	Delia	iv)	Pepper
04)										
		R	E	C	B	A				
	According to the above diagram, which answer shows A, B, and C in correct order?							ler?		
	i) ii)	Leaf tip, leaf Leaf tip, leaf			-					
	iii)	Leaf stalk, le	-							
	iv)	Lead stalk, l	eaf marg	gin, leaf	veins					
5)	What i) ii) iii) iv)	is the incorrec Gotuklola is Sugar cane i Ginger has u Cactus is a p	a climb s a stora indergro	ing sten ge stem ound ster	n. I. ms.	t stems?	?			
6)	Spiral	leaf arrangem	nent can	be obse	erved in,					
	i)	Anoda	ii)	Kanda	a ii	i) G	huava	iv)	Rukk	aththana
7)		s not a plant th			-		•、	D 11 1	• 、	
	i)	Carrot	ii)	Beet r	root	iii	1)	Radish	iv)	Sweet potato

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_										
8)	Select the answer with the correct type of roots and the plant?									
	i)	Respiratory roots - o	rchid		_					
	ii)	Aerial roots - beetle								
	iii)	Stilt roots - beetle								
	iv)	Adventitious roots -	pepper							
9)	Selec	t the function of aerial	roots							
~)	i)	Absorb air from the		here						
	ii)	Absorb moisture from	-							
	iii)	To store food	in the u	uniosphere						
	iv)	Support the stem								
10)	A lea	of fixes to the stem by,								
	i)	Mid rib	ii)	Petiole	iii)	internode	iv)	Margins		
				PART	II					
Α	nswer	all questions.								
1)	i) Wł	nat do you mean by plan	t divers	sity?						
	ii) W	rite the basic function	of stem	n, root and lea	f?					
	iii) V	iii) Write two examples for plants which show following adaptations?								
		XT 1	1 /			1				
	a) Leaves produce new plants through asexual reproduction.									
	b) Plants store food in aerial stems.									
		c) Plants reproduced by		rs						
		d) Plants having prop re								
		e) Plants having stilt ro	OIS							
2)	Fill i	n the blanks by using su	uitable	words.						
i)	Roots which arise from other parts of the plants are known as									
ii)		Banyan is having	•••••	roots						
iii)		Some underground show the function of perennation.								
iv)		Guava is having		roots.						
v)		Radish is having		roots.						
3)	i) Wl	nat do you mean by leaf	arrange	ement?						
	,	ate two types of leaf arr hat is meant by transpi	0							
	iv) W	rite an adaptation of fo	llowing	g plants that h	elps to m	inimize transp	iration.			
		a) Cactus								
		b) Navahandi								
		c) Temple tree								



/	NALANDA VIDYANalanda VidyalayaA– ColomboN10 VIDYALAYA							
S	NALANDA VIDYALAYA NALANDA VIDYALAYA NALANDA VIDYALAYA Unit Test Project							
	Grade 8 Science Unit 4 - Properties of Matters							
Under	ine the most suitable answer							
1)	Which chemical in the laboratory is a solid with yellow colour?							
	i) Calcium carbonate ii) Sulphur							
	iii) Copper Sulphate iv) Condys							
2)	Out of these, what is a property of metals?							
_/	i) Being a poor heat conductor							
	ii) Having a low melting point							
	iii) Brittleness							
	iv) Being a heat and electric conductor							
3)	What are the substances with definite properties which cannot be further divided by physical or chemical methods?							
	i) Elements ii) Pure substances							
	iii) Compounds iv) Matter							
4)	Drops of wax were kept in equal distance on rods made out of copper, iron, glass, ebonite one end of the rod is heated by a Bunsen burner. So that the wax drops will drop when heated. In which the wax drops will drop first?							
	i) Glass ii) Iron iii) Ebonite iv) Copper							
5)	What are the elements in Calcium Carbonate?							
- /	i) Calcium, Carbon, Oxygen							
	ii) Calcium, Carbon, Hydrogen							
	iii) Carbon, Oxygen, Hydrogen							
	iv) Carbon, Sodium, Calcium							
6)	Select the correct statement							
) Density is the volume of unit mass							
	ii) Distilled water means cooled water after boiling up to the boiling point.							
	iii) Density is a constant value for pure substances.							
	iv) The purity of solids, liquids and gases cannot be determined by finding their densities.							
7)	What is the liquid element at room temperature?							
	i) Iron ii) Mercury iii) Lead iv) Zinc							

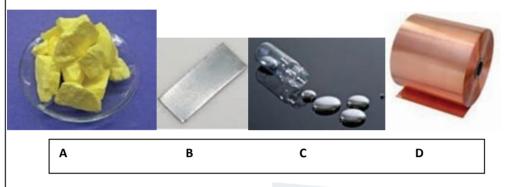
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8)	This is an instance where gases are used in day today life?								
	i) Inflating tyres ii) Hydraulic jack iii) Thermometer iv) To cut glass								
9)	 Petrol leaking of a vehicle can be smelled to our nose even from some distance. The scientific principle which explains this phenomenon is, i) Discontinuous nature of liquids ii) Discontinuous nature of solids iii) Discontinuous nature of gases iv) Discontinuous nature of solids and liquids 								
10)	 Select the correct statement i) When the surrounding pressure increases, the boiling point decreases. ii) The boiling point of pure water is O⁰C iii) The boiling point of liquids is a constant value iv) The boiling point is a fixed temperature at which a solid turns into a liquid 								
	Part II								
Answ	er all questions								
01) M	latter can be divided as follows.								
	Matter								
	Pure substances 2 2 a)								
E	Elements b)								
c) d)									
i)	Name a, b, c and d								
ii)	Give 2 examples for elements								
iii)	Write a substance which is having following physical property.								
	a) Metallic lustre b) Brittleness								
	c) Elasticity d) Electrical Conductivity								
iv)	Write 3 properties of metals								

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2) i) Explain the following statement scientific by using particulate nature of matter.

- a) A solid has a definite shape
- b) A gas hasn't a definite volume
- c) Liquids cannot be compressed easily
- ii) Name the following elements.



3)A group of grade 8 students have done an experiment with their teacher at the lab using Nitrogen dioxide gas as follows.



- i) What is the observation in the above activity?
- ii) What I the reason for the above observation?
- iii) Why Nitrogen dioxide gas is used in it? Write a special characteristic of it?
- iv) Draw the pattern of organization of particles in the Nitrogen dioxide gas.



2)



