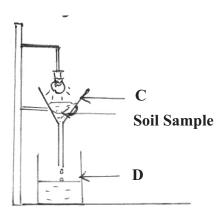
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				Science -	 I				
	Grad	le 06					1 1/2 ho	our	
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		ver all questio erline the mos		anewor					
•	Ulluc	Time the mos	t Suitable	answei					
(01)	Acc	ommon charac	teristic of	a living organisa	m is,				
	1)	autotrophic			2)	Show loc	comotion		
	3)	heterotrophic	e		4)	growth			
(02)		heat is a,			•				
	1)	matter			2)	type of m			
(0.0)	3)	type of energ	-	.1 1 0	4)	type of pa	rticle		
(03)				method of prec	•	~1		G1 1	
(0.4)	1)	Rain		Snow .	. 3)	Sleet	4)	Glacier	
(04)			oducing en	ergy in organism	•	.			
	1)	Growth			2)	Respirati			
(0.5)	3)	Nutrition			4)	Reprodu	ction		
(05)		ect the incorrec			. 1 11 1	1 1	1		
	1)	C		ot be seen indiv	, ,	•			- organism
	2)	-	-	ng food in the pl		wn as phot	tosynthesi	IS	
				ly depend on pla	ants.				
(0.0)	4)			otive animal.					
(06)		ect the incorrec							
	1)	Most of the p Plants can no		•					
	2)								
	3)	Plants show l	_	wui. in chlorophyl p	iamonts				
(07)	4)	-		rial enironment	iginents				
(07)	1)	Tiger		whale	3)	Hawk	4)	Earthwor	m
(08)		C	/	ings does not ha			4)	Latuiwoi	111
(00)	1)	Aluminium		filgs does not no Glass	3)	.y Iron	4)	Conner	
(00)	,			solve in marine	/	11011	4)	Copper	
(09)	1 ne	Calcium carb		sorve in marine	2)	Sodium C	Thlorida		
	3)	magnesium S			4)	magnesiv		le	
	<i>3)</i>	magnesium	Juipiiaic		7)	magnesit	1111 CIIIOI IC		

(10)	Con	sider the statements given below.		
	A	- Iron is a metal with hardness and mallea	bility	
	В	- Rubber is an elastic material		
	C	- Talc is a material with rough texture.		
	The	true statements are,		
	1)	Only A 2) Only A and B	3)	Only B and C 4) Only B
(11)	A di	sease that can be caussed due to drinking of po	ollute	ed water
	1)	Dengue	2)	Tuberculosis
	3)	kidney diseases	4)	Pneumonia
(12)	Sele	ect the correct statement regarding a liquid		
	1)	Has a definite volume.		
	2)	Has a definite shape.		
	3)	Has not a definite volume		
	4)	Has not a definite mass		
(13)	Wha	at is the common name for organisms who cor	ısum	e both plants and animals as food?
	1)	Herbivore	2)	Carnivore
	3)	Omnivore	4)	Insectivore
(14)	Ani	instrument which is used to observe things car	not b	be seen to naked eye.
	1)	Beaker	2)	Compound microscope
	3)	Handlense	4)	Glass slide
(15)	Apl	ant movement is,		
	1)	Shrinking of leaves in mimosa when it is tou	ched	
	2)	growing roots of pants towards water.		
	3)	Shrinking of leaves in sesbania in the evenin	g	
	4)	allabove		
(16)	Ani	instrument used to measure volume of liquids		
	1)	measuring cylinder	2)	test tube
	3)	Boiling tube	4)	Funnel
(17)	The	standard unit of measuring mass is,		
	1)	g 2) kg	3)	mg 4) m
(18)	Wh	ich chemical compound can be used to detect	exhal	ed gases?
	1)	Sodium chloride	2)	Calcium chloride
	3)	Lime water	4)	Copper sulphate.
(19)	Equ	al volume of marine water, fresh water, brad	ckish	water were taken in to three equal beakers and
	mas	ses of them were measured separately. Which	beak	ter has the highest mass among them
	1)	Marine water	2)	Fresh water
	3)	Brackish water	4)	None of the above
(20)	The	world water day is on,		
	1)	1 st of March	2)	25 th Of may
	3)	22 nd of March	4)	20 th of May

Part II

- Question no (i) is compulsory
- Answer question no (i) and four more questions.
- (01) The figure shows an experimental setup to observe particular group of organisms. The soil sample contains in the funnel is being made wet. by small quantity of water.



(A)	i)	Which group of organisms is observed in this activity?
	ii)	What is the purpose of lighting a bulb above funnel?
	iii)	What is the laboratory equipment is used to observe this group of organisms?
	iv)	Name C and D apparatus.
		C D
	v)	What is the common name for organisms wh produce food by them selves.
(A)	Ans	swer questions by using following words.
		a) Plants b) Sea anemone c) Amoeba
		g) earthworm
		d) Frog e) Sesbenia f) Bat
i)	An	Organism who can not observe by our naked eye.
ii)	An	animal who cannot locomote
iii)	Αn	lant that shrink its leaves in the evening
111)	7 P	tant that shrink its feaves in the evening
iv)	•••••	show unlimited growth
v)	An	organism who uses skin, lungs, buccal cavity in its respiration
vi)		is an animal who gives birth to offsprings.

(02) i) Matter exists in physical states as solid, liquid and gas. Classify given materials in the table correctly.

solid Matter	liquid matter	gaseous matter
1)	2)	3)
4)	5)	6)

(Pencil, Rocks, Water Vapour, Coconut oil, Oxygen, Water)

ii)	What is the matter which doesn't have definite shape and definite volume?

iii) State 02 common features of matter.

_ >	\	
a	.)	

b)

iv) Name o2 types of energy

`		
a)	 	

b)

v) Write 02 properties of matter. State instances where using those.

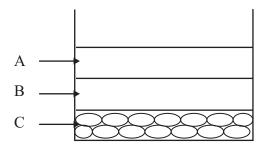
Property	-	

Property -

Instance -

Instance -

(03) Following set up demosntraes types of water exist in the earth.



1)	Name A, B,	C

A -

B -

C -....

ii) Write 03 types of water that exist in above set up.

1) -

2) -

3) -

iii) Classify water according to its salinity

1) -

2) -

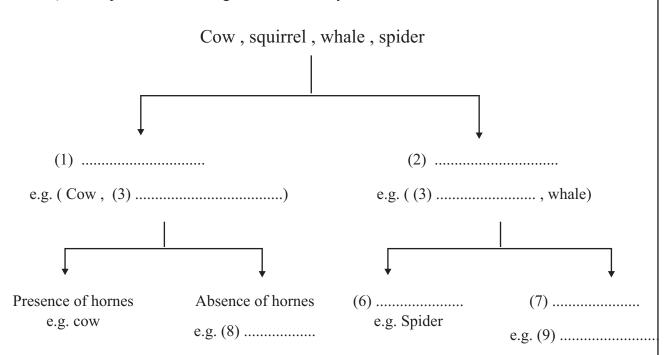
3) -

iv) What is meant by water pollution

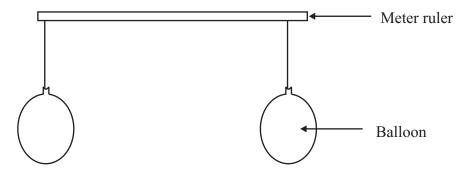
v) Write an instance that water get wasted at home

,	ΩA	\ i`	Ev	nlain	tha	torm	'diah	otomous	1cox
1	(04)	, 1) LX	piaiii	uic	tellii	ulch	otomous	KCy

ii) Complete the following dichotomous key



(05) The following experiment set up demonstrate a characteristic of mater.



- (i) Which characteric of matter is shown by this experiment
- (ii) What you have to do to demonstrate above characteric of matter?
- (iii) Draw a labelled diagram of the observation given above.



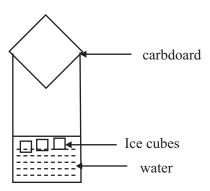
iv) State 02 properties of solid matter

1.

2.

- v) Statelaboratory apparatus that used in measuring the followings.
 - 1. Volume of liquids
 - 2. Mass

(06) The following figure shows an activity to show the presence of water vapour in the atmosphere.



i) State an observation after adding ice cubes into the beaker.								ker.	bea	the	into	cubes	ice	adding	after	vation	obser	State an	S	i)
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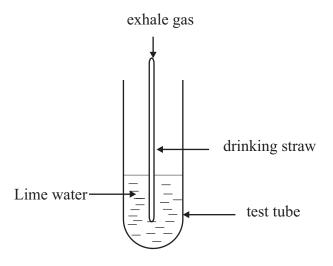
- ii) Explain reasons for above observation
- iii) What is the consumable percentage of water in the earth?.....
- iv) Why water is considered as limited resource even through over 70% of the earth's surface is covered by water?

v) What is meant by water pollution

vi) Write 02 ways of water pollution

1	
1	J

- 2)
- (07) Respiration is an important biological process in organisms. Following experiment is based on identifying gases in exhaled air



	at are the gases contain in inhalation and exhalation
	alation exhalation
	ich gas can be idenfied by using lime water
Wha	at is the colour change take place in lime water
Hov	w do we call the things which do not have life
Wri	te 02 main types of organisms.
a)	
b)	
Wri	te 03 methods of locomotion in animals
a)	
b)	
C)	