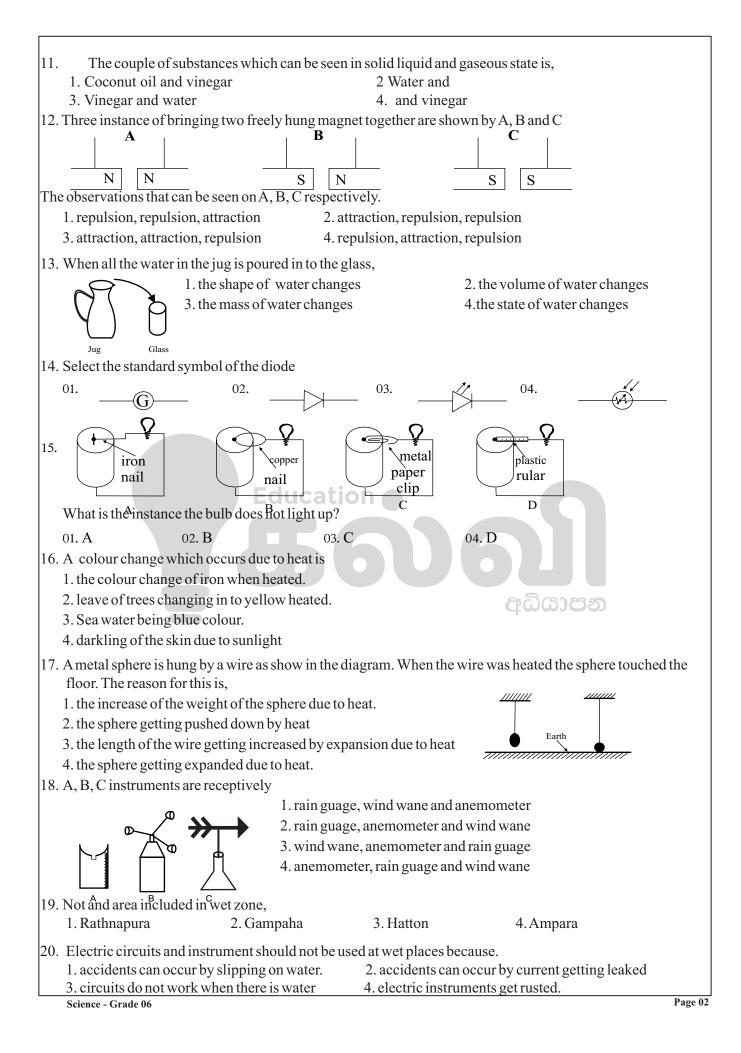
සියලූ හිමිකම් ඇවිරිණි/ ගුඟුப් பதிப்புரிமையுடையது / All Rights reserved මත්තුව ගුදුමුග ගැනැම පුරාබ්ල සිනුමාස් සමුග් Deportment of Education Cents Province කරන ක මත්තුව ගුදුමුග ගැනැම් පිළුත්ත අධ්යාවේන කරද පාර්තමේන්තුවල මත්තුව ගුදුමුග ගැනැම් සම්බන්ධ සමුග් ප්රතමේම ප්රතමේම ප්රතමේම ප්රතමේම ප්රතමේම ප්රතමේම ප්රතමේම ප්රතමේම ප්රතමේම ප් ூற்கு மத்திய மாகாண **மத்தியுளமாகாண**ள**கல்வித்**ள**திணைக்களம்** உறை හාපත දෙපාර්තමේන්තුව ගුණුනිය ගැහැණ සභාඛිත නිකමාස්තුමාර Department of Educative Central Provinceමටාම පළාත් Department of Education Central Province හාපත දෙපාර්තමේන්තුව ගුණුනිය ගැන්නම් සභාඛිත නිකමාස්ත්රීම් පිරිසුවේ විද්යාවේ Central Froynceමටාම පළාති Grade: 06 YEAR END TEST - 2019 Science - I Time: 2 Hours Name / Index No:..... Part - I Answer all the questions 01. What is the response containing a living thing and a non living thing in order? 1. Caterpillar - Spider 2. Butterfly 3. Straw - Pond water 4. Beehive - Bee 02. An organism is green is colour and autotrophic It shows respiration and reproductions. The organism is, 1. grass hopper 2. Paddy bug 3. Paddy plant 4. Parrod 03. Carbon dioxide gas 1. Is needed fo respiration of living beings 2. Is needed for combustion of substances 3. Turns colour lime water to milky 4. Is needed for both respiration and combustion 04. Select the response containing omnivores only. 1. cobra, frog, monkey 2. crow, hen black bear 3. Crow, man, leopard 4. fox, parrot, viper Education 05. Pandas have a threat of extinction because 1. they can only be seen in china 2. they has a low rate of reproduction 3. they are caught by humans 4. their only food is bamboo 06. Fossil fuel contain 2. Sound energy 4. Wind energy 1. heat energy 3. Solar energy 07. An Apparatus used to find out the behaviour of rain drops when they fall down is shown below. the tin with What can be considered as A, B & C in order? small holes 1. Precipitation, Surface water, ground water 2. Surface water, Precipitation, ground water 3. ground water, Precipitation, Surface water, 4. ground water, Surface water, Precipitation soil lager 08. Equal volumes of marine water brackish water and fresh water, were put in to three identical containers and kept in sunlight. After drying off nothing was left in A. A thick white coloured ---- was seen in B ---- left in in C. Select what should be in A, B, C respectively. while a thin layer of white 1. Marine water, Brackish water & fresh water 2. Fresh water, marine water & brackish water 3. Fresh water, brackish water & marine water 4. brackish water, marine water & fresh water 09. The musical instrument shown in the figure is 1. Saxophone 2. Trumpet 3. Violin 4. Xylophone 10. The instrument that produces sound the same way as a flute made of tender coconut haven is 2. Guitar 3. Sitar 4. Daul drum 1. Serpina

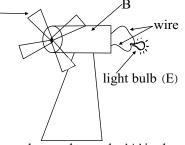


Part II

• Answer all questions of part A and selected 4 questions from part B

Part - A

(01)(A) An apparatus made by a group of grade 06 students in order to do a useful work by a certain energy source is shown below.



i. Name a substance which can be used to make 'A' in the above apparatus (Marks 01)

ii. Name a source which can be used to provide energy to this apparatus. (Marks 01)

iii. What can be used an 'B' to produce electricity in this apparatus? (Marks 01)

iv. How can you show that electricity is produced by this apparatus when it is operated? (Marks 01)

v. Instead of 'E' above what can be used to make sure that electricity is produced by hearing.
(Marks 01)

vi. Name the power plant in sri Lanka which uses to general electricity (Marks 01)

(B) The diagram below shows the observations done by a grade 06 students.

i. What living characteristics of plants is shown by this activity?......(Marks 01)

ii.Write two measurements which can be used to pro
that characteristic(Marks 01)

iii. Name a living characteristics shown only by animals but not by plants. (Marks 02)

(Marks 01)

(02) Saman made a small drum by covering the mouth of yoghurt cup with a thin rubber membrane A several pieces of paper were put on the membrane and the instrument was played.



i. Give two observations which could be done by saman when he played the drum. (Marks 02)

ii. What conclusion can be made through this activity which is related with production of sound. (Marks 02)

iii. Name a natural and an artificial source of sound

Natural: - Artificial: - (Marks 02)

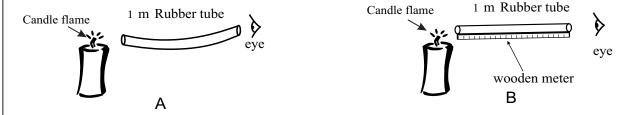
iv. Name the organ which is sensitive to sound in human (Marks 01)

v. Write a precaution that should be followed to prevent damages done by noise to that organ.

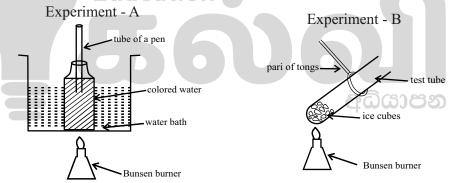
- vi. What is a musical sound?
- vii. Explain how a noise is differentiated from a musical sound.

Part- B (Answer only 4 selected questions)

03.



- (A) An activity related with light done by a group of students is shown above.
 - i. What is the light source used here?
 - ii. Name a luminous and a non-luminous object shown in the diagram.
 - iii. What is the difference of the shape of the rubber tube at instance A and B?
 - iv. What is the observation of the students at A?
 - v. What is the purpose of using a wooden meter ruler at instance B?
 - vi. What could be the observation at B?
 - vii. What characteristic of light was tested in this activity?
 - viii. Give the term given for a bunch of light rays.
 - ix. Draw diagrams to show a light ray and a bunch of light rays
- (B) 'A' & 'B' experiments were done by two groups of students to investigates effect of heat.



- i. What can be observed during experiment A?
- ii. What characteristic of water is expected to study by experiment A?
- iii. What change would you expect if coconut oil was used in place of coloured water?
- iv. Write the change of state of water occurring in experiment B.

04. (A)

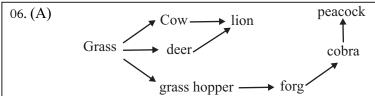
B (2.58%)

C (0.01%)consumable water

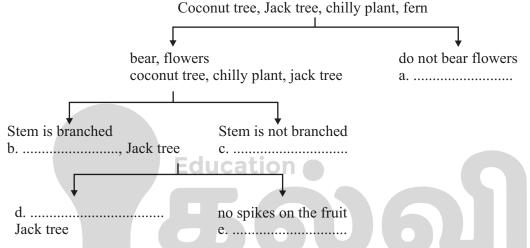
91.41% ocean and sea water

- (I)Although a large percentage of area of the earth surface is covered by water only a limited amount is consumable. The pie chart above shows how water exist on the earths surface.
 - i. Give a common term used for ocean and sea water.
 - ii. What is the reason for that water to be salty in taste?
 - iii. Give the term used for sea waves with a huge amount of energy.

Scien	nce - Grade 06		Pa	age 05	
V.	Diode is an example for a simple electronic device.	()		
iv.	Copper is a good insulator.	()		
iii.	Solar cells are included in some calculators to provide electricity.	()		
ii.	When an ammeter is connected to a circuit it's positive end should be connected negative end of the cell.	to the ()		
i.	Galvanometer can be used to measure a very small current.	()		
(B)	Put a (\checkmark) if correct or (x) if incorrect in front of the question number of the follow answer sheet	vings on yo	our		
v.	Write the two main types of chemical cells and give an example for each.				
	A B C D Name the electric appliances shown by A, B, C, D				
iv.					
ii. iii.	Give two observation that can be done as soon as the copper sheet and A are dip Name another substance which can be used in-place of dilute sulphuric acid.	ped in the	acid.		
i.	Name a sheet that can be used for A.				
Α	copper sheet				
	light bulb ucation				
	Following diagram shows a simple cell.				
	What is the name given for the places of a magnet which attract more pins? What is the reason for those places to attract more pins?				
	N S				
ii.	The figure shows how pins are attracted to a magnet.				
	(Piece of iron, rubber eraser, copper key, magnet, iron nail) A B C				
	Fill the table below with the given objects in the list.				
	object C - Sometimes attracts the magnet sometimes rep	olace the m	nagnet.		
	Freely hung A - always attracts the magnet.				
(D) I.	objects are brought hear it.	o done wi	ion anno	70110	
vi. (B) i.	Give a method of water pollution. A magnet is hung freely by a string. A, B & C are the types of observations done when different				
iv. v.	Water in solid state is given by 'B' Give two examples for water in solid state. Name two fields in which water is used by man.				



- i. What is the term used to name the above diagram.
- ii. Write down a food chain with three links shown in the diagram.
- iii. What is the producer shown in the diagram?
- iv. What is the reason for that organism to be considered as a producer?
- v. Name a herbivore and a carnivore from the diagram.
- iv. What is the reason for that organism to be considered as a producer?
- vii. When the lion is removed from this environment what organism can be expected to get increased in number.
- vii. When the lion is removed from this environment what organism can be expected to get increased in number.
- B. Mention the suitable terms for a, b, c, d & e to fill the following dichotomous key.



(07) A.In formation displayed on a phone screen related to weather in kandy town is shown below



- i. Describe the weather conditions shown by the picture.
- ii. Name two factors of weather shown in the picture and give a unit used to measure for each.
- iii. Name two disasters that can occure if the above conditions persist.
- iv. Write two thing should be done to minimize the harmful effects of the dissasters you mentioned above.

අධයාපන

B. Following table shows the observations done by a group of students related A, B & C substances in their science laboratory.

Substance	Shape	Volume
A	has a definite shape	has a definite volume
В	No definite shape	has a definite volume
С	No definite shape	No definite volume

Give an example for a substance which can be A, B & C each

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