## **DELHI PUBLIC SCHOOL, GANDHINAGAR**



# ENVIRONMENTAL SCIENCE MY BUDDY

CLASS - 3

**SESSION – 2024 - 25** 

TERM-I & II

# **DELHI PUBLIC SCHOOL-GANDHINAGAR**

### **ACADEMIC SESSION -2024-25**

# **Environmental Science**

EVS TERM –I				
MONTH	TOPICS	ACTIVITIES / PRACTICALS		
APRIL and MAY	L- 1 LIVING AND NONLIVING THINGS L- 2 PARTS OF A PLANT	<ul> <li>My sweet world- (Group activity)</li> <li>Students will make a collage on living and non-living things.</li> <li>AIL – Assemble all dry parts of a plant to make a typical plant, in your scrap book.</li> <li>Make me out- Germinate some seeds and baby plants.</li> </ul>		
JUNE	L- 3 ANIMALS-FOOD AND FEEDING HABITS	<ul> <li>Create a Zoo on the table. (Group activity) Segregation of different animals according to their food habit.</li> <li>Pep talk – students will discuss that; why should we take care of the animals? Ways to take care of animals.</li> <li>SEA: - Make a Paper food chain.</li> </ul>		
JULY	L- 4 BIRDS	<ul> <li>Puppet show on features of birds.</li> <li>Keep two bowls containing water and grains in your balcony or open area for birds.</li> </ul>		
	PT 1 SYLLABUS	: LESSON- 1 & 2		
AUGUST	L- 5 OUR BODY L- 6 HOUSING AND CLOTHING	<ul> <li>Who belongs to whom: Organ System.</li> <li>My Boutique: Bring various small pieces of fabric (two each) to make a dress in class.</li> </ul>		
SEPTEMBER	REVISION OF TERM-I CHAPTERS			
HALF YEARLY EXAM SYLLABUS: LESSON – 1, 2, 3, 4, 5, & 6				

EVS TERM – II				
MONTH TOPICS		ACTIVITIES / PRACTICALS		
SEPTEMBER and OCTOBER	L- 8 AIR L- 9 WATER	<ul> <li>Let me fly- (Group activity)</li> <li>Students will explain one property of air with an activity.</li> <li>AIL-Water dance.</li> </ul>		
NOVEMBER	L- 10 SOIL L- 12 LIGHT	<ul> <li>Students will make soil profile in a bottle.</li> <li>Play with shadow – Students will play a shadow game.</li> </ul>		
DECEMBER	L-13 SOUND L- 14 FORCE	Play time- To show the effects of force with a smiley ball.		
	PT 2 SYLLABUS: LESSON –	- 8, 9, & 10		
JANUARY	L- 15 WEATHER AND SEASONS	Sing along- (Group activity) Students will prepare group song on different seasons.		
FEBRUARY	L-16 EARTH, SUN, AND MOON REVISION OF TERM-2 CHAPTERS	➤ SEA-Learn and Eat:-Students will make The Phases of moon with Oreo biscuits.		
ANNUAL EXAM SYLLABUS: LESSON – 8, 9, 10, 12, 13, 14, 15, & 16				

		TERM-1				
		L-1 Living and Non Living Things				
Q.I		CBE Questions (Tick the correct option).				
	1.	Choose the odd one				
		a.	b.			
		c.	d.			
	2	Choose the odd one				
		a.	b.			
		c. 12 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	d.			
	3.	Which non-living thing is not given by n				
		a. mountain c. river	b. air d. roads			
		C. 11vei u. 10aus				
	4.	What does the following picture show:-				

		a. Living things mayo	b. Living things breathe
		<ul><li>a. Living things move</li><li>c. Living things grow</li></ul>	d. Living things feel
		c. Living timigs grow	d. Living timigs icci
	5.	Living things don't breathe through-	
		a. Stomata	b. gills
		c. nose	d. fins
	6.	Is car a living thing?	
		a. Yes, a car can move on its own	b. No, it can't reproduce
		c. Yes, cars take in petrol and give out smoke	d. Some cars are living things and some are non-living things
	7.	Animals move from place to place -	
		a. For food and water	b. For shelter
		c. To get away from danger	d. All of these
	8.	Which of the followings give birth to their	pabies?
		a. Hen	b. crocodile
		c. elephant	d. penguin
	9.	Young ones hatch from the eggs of-	
		a. snake	b. lion
		c. monkey	d. rat
	10.	Living things feel through their-	
		a. breathing organs	b. sense organs
		c. reproductive organs	d. all of them
	11.	Statement: Plants are also living things.	
		Reason: They also breathe, grow, reproduce	e. make food . die.
		a. Statement is right but reason is wrong.	X
		b. Statement is wrong but reason is right.	
		c. Both statement and reason are right.	
		d. Both statement and reason are wrong.	
Q.II		Give one word for the following.	
	1.	Plants breathe through	
	2.	Things that are created by humans.	
	3.	Living things produce young ones by	·

	4.	The organ of movement found in fish				
	5.	The type of plant MUSHROOM is				
Q.III		LOOK AT THE FOLLOWING PICTURE AND ANSWER THE QUESTIONS-				
		One fine evening some children were flying kites in the sky. All of a sudden Shyam noticed that along with the colorful kites, many other things were also present in the sky like Birds, clouds, butterflies, grasshoppers, airplane and a hot air balloon.				
	Q 1.	Which object / objects was/were having natural wings?				
	Ans.					
	Q.2	Who are using nose as their breathing organs?				
	Ans.					
	Q.3	Name some natural non-living objects.				
	Ans.					
	Q.4	Name the human made things shown in the picture.				
	Ans.					
	Q.5.	Name the living thing which sucks the nectar from flower through their coiled mouth part .				
	Ans.					
0777						
QIV		Read the paragraph given below and answer the following questions.				
		For easy differentiation between living things and non-living things, scientists have come				
		up with characteristics that are unique to them.				
		Anything that has life is considered a living being.				
		For example—humans, trees, dogs, etc.				
		Things which have no life in them are considered non-living.				

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cells.
or stimuli.
naterial from the body.
to their young ones through the process
from one place to another. This type of
e and non-living things don't?
ngs and non-living things.
their body?
then body.
a Plant
•
ler the soil?
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1 1

2.	Identify the type of root shown here-	
	a. tap root	b. fibrous root
	c. root branches	d. none of them
3.	Which of the following part of the plant	grows towards the sunlight?
	a. root	b. shoot
	c. root and shoot both.	d. none of these
4.	If you are eating the following thing, whi	
	a. stem	b. root
	c. leaf	d. fruit
_		
5.	Which of the followings are the basic need P - TEMPERATURE	ed of plants?
	Q - AIR	
	R – WATER	
	S - SUNLIGHT	
	a. P and Q only	b. Q and R only
	c. R and S only	d. Q, R, S only
	or remark a stray	u. 2, 11, 5 omy
6.	VEINS-	
	<ul> <li>a. absorb water and minerals from the soil</li> <li>c. transport water, food and minerals in a leaf</li> </ul>	<ul><li>b. absorb carbon dioxide from the atmosphere</li><li>d. release oxygen and carbon dioxide into the atmosphere</li></ul>
7.	Which of the following part grows into s	eed?

		a.	b.	
		c.	d.	
	8.	Seed doesn't need the following thing to	grow into a new plant-	
		a. Water and nutrients	b. air	
		c. sunlight	d. flowers	
	•			
	9.	What does a seed has inside?		
		a. Baby plant	b. fragrance d. veins	
		c. chlorophyll	d. veins	
	10.	The green colour substance found in leaf	f is known as-	
		a. Photosynthesis	b. Chlorophyll	
		c. Trunk	d. Fragrance	
	11.	Statement: Mushrooms can make its own food.		
		Reason: They are non-green plants, they don't have chlorophyll.  a. Statement is right but reason is wrong.		
		a. Statement is right but reason is wrong.		
		b. Statement is wrong but reason is right.		
		c. Both statement and reason are right.		
		d. Both statement and reason are wrong.		
0.77				
Q.II		Give one word for the following-		
	1.	The tiny pores on leaves that help plants to breathe.		
	2.	The process of making food by green plants.		
	3.	The process by which leaves release water in the form of water vapour.		
	4.	The process by which seeds grow into a new plant.		
	5.	The strong thick woody stem of some trees.		

Q.III		LOOK AT THE FOLLOWING PICTURE AND ANSWER THE QUESTIONS-
		Photosynthesis
		Sunlight + Carbon dioxide + Water  Glucose (sugar) + Oxygen
	Q.1.	What is photosynthesis?
	Ans.	what is photosynthesis:
	Q.2. Ans.	Name the four things needed for photosynthesis?
	Q.3. Ans.	Name the green substance present in leaves.
	Q.4. Ans.	What are the things prepared by the plants?
	Q.5. Ans.	What happens to the extra food prepared by plants?
Q.IV		Read the paragraph given below and answer the following questions.  • Fruits which we eat is the another fleshy part of the plant. It also protects the seeds inside it. Some fruits have only one seed. Example: mango and apricot.
		Whereas some fruits have many seeds. Example: papaya and watermelon.  Seeds are also very important part of a plant because it produces new plants. Some seeds are edible seeds like almond, groundnuts and coconut.
	1. Ans.	Who protects the seed?
	Ans. Ans.	Name some fruits which has only one seed.

3.	Name some fruits which has many seeds.
Ans.	
4.	What is the function of a seed?
Ans.	
5.	What do we call the seeds which can be eaten by us? Give two examples of such seeds.
Ans.	

Delhi Public School, Gandhinagar	
Periodic Test I (MOCK PAPER)	

**SECTION A** 

Tick the correct option.

7X1=7

1. Rupa saw a hungry dog on the street. She gave some food to it. What does this tellyou about living things?

- a) Living things grow
- b) Living things reproduce
- c) Living things respond
- d) Living things need food.
- 2. Nose: Humans:: Gills:

	b)	Animals	d)	Fish
3.		ery healthy and you can make juice from nderground Who am I?	me.	I wear an orange coat. I
	a)	Orange	c)	Carrot
	b)	Beetroot	d)	Lemon

c) Birds

a) Plants

4. Rohan went to the vegetable market. He saw a vegetable seller with a big heap ofgingers.

The gingers were moist and soiled. Because they are\_\_\_\_\_



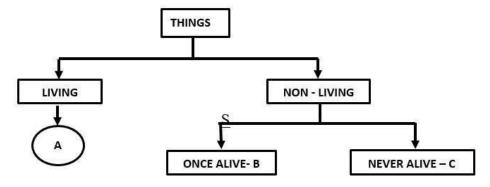
- a) Underground Stem
- b) Flower

- c) Fruit
- d) Root
- 5. When you are eating sugarcane, you are actually eating the
  - a) Fruits of sugarcane

c) Stem of sugarcane

b) Roots of sugarcane

- d) Grains of sugarcane
- 6. Identify A, B and C from the table for the flow chart given below



	A	В	С
a)	Kitten	Pencil	Kite
b)	Kite	Kitten	Pencil
c)	Kite	Pencil	Kitten
d)	Kitten	Kite	Pencil

7. In the following question, a statement (S) is followed by a statement of reason (R).

Mark the correct choice as

Statement (S): Oceans are living things.

Reason (R): Ocean's waves are moving and make sounds also.

- a. Statement is right but reason is wrong.
- b. Statement is wrong but reason is right.
- c. Both statement and reason are right.
- d. Both statement and reason are wrong.

#### **SECTION B**

Read the paragraph and	d answer the following	questions:
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3X1=3

People are fond of grooming many types of gardens. A flower garden which consists of varieties of beautifully scented flowers, a fruit garden that holds nutritious fruits, a vegetable garden is very much loved by the households as they bear healthy vegetables which are then cooked and included in their meal are the best examples. Apart from these, botanical gardens and medicinal herb gardens that cure diseases are also included in the hobby.

	are and	included in the noody.		
8.	What	kind of plants do we grow in the garder	1?	
	a)	Shrubs	c) Tress	
	b)	Herbs	d) All of these.	
9.	Which	n part of the plant turns to fruit?		
	a)	Stem	c) Flower	
10.	,	Root flowers are colourful and attractive?	d) Leaves	
	a)	To get sunlight	c) To get nutrients	
	b)	To attract insects for pollination	d) To make garden colourful	
		SEC	ΓΙΟΝ C	
	Do as	directed.		
11.	Fill in	the blanks		4X1/2=2
	i.	(Mountain / Aero	oplane) is a man-made non-living thing.	
	ii.	All living this freely move except	(sloth / plants)	
	iii.	Insects feed on nectar from	(stem / flowers).	
	iv.	Plant produces	(stem / seeds) which grow into a	
		baby plant.		
12.	Write	true or false.		4X1/2=2
	i.	While making food, leaves give out o	xygen	
	ii.	Potato is a plant root that we eat		
	iii.	Non-living things have all the feature	s of living things	
	iv.	Colour of the plant's food factories ar	re brown.	

#### **SECTION D**

Answer the following questions.

3X2=0

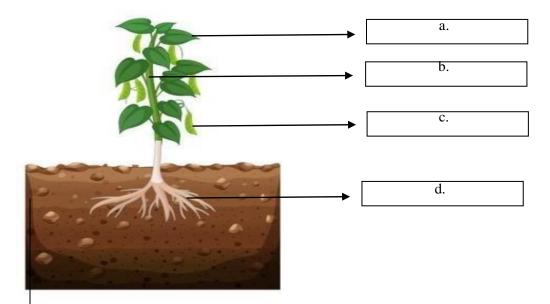
13. Write four important characteristics of living things?

i. \_\_\_\_\_\_

ii. \_\_\_\_\_

iv.

14. Label the different parts of the plant.

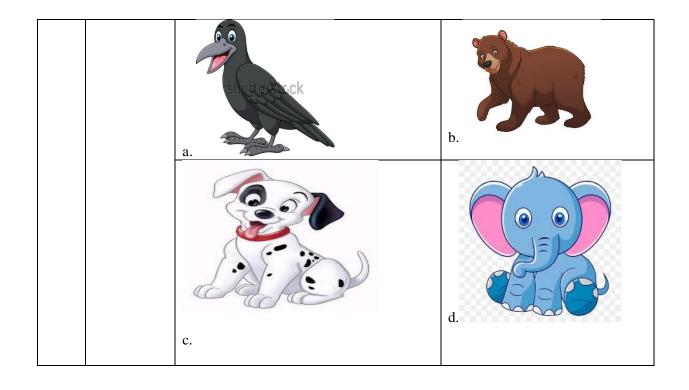


15. Place the followings in their correct place:

Chair, Mountain, Computer, Clouds.

Natural non-Living thing	Man- made non-living thing

		L-3 Animals – Food and Feeding Habits		
		E-3 Ammais – Food and Feeding Habits		
Q.I		CBE Questions (Tick the correct option).		
	1.	Select the herbivorous animal-		
		a.	b.	
		c.	d.	
	2.	Select the wild animal-		
		a.	b.	
		c.	d.	
	3.	Which animal is not an omnivore-	<u>'</u>	



	4.	Cows and buffaloes eat their food	by-		
		a. Chewing the cud	b. Gnawing		
		c. Nibbling	d. Sucking		
	5.	Nibbling/Gnawing of food is not done	e by-		
		a. mice	b. squirrels		
		c. rabbits	d. snake		
			·		
	6.	Identify the mouthpart, a straw like tube attached to the mouth to suck liquids. Who possess this?			
		a. snake	b. mosquito		
		a. snake c. squirrel	d. lizard		
		c. squiitei	u. IIzaiu		
	7.	Frog, chameleon, lizard catch their prey by-			
	,.	a. Long sticky tongue	b. Row of small teeth		
		c. Straw like tube	d. trunk		
		'			
	8.	Plants make their own food, so they are	re called-		
		a. producers	b. herbivores		
		c. carnivores	d. omnivores		
	9.	A food chain always starts with	and ends with		
		a. Animal, plant	b. Plant, animal		
		c. Plant, plant	d. Animal, animal		
	10.	The flat, broad and strong grinding teeth found in herbivores is called-			
		a. MOLAR	b. PREMOLAR		
		b. INCISOR	D. NONE OF THEM		
Q.II		Give one word for the following-			
	1.	A doctor who treats animals.			
	2.	The method by which snakes eat their prey.			
	3.	Nibbling of food.			
	4.	The act of chewing the swallowed food.			
	5.	Animals who eat the remains of dead animals.			
Q.III		Look at the picture and write which ty teeth- HERBIVORES / CARNIVORES	pe of animals are having this type of		

		AnsAns	
Q.IV		LOOK AT THE FOLLOWING PICTURE AND ANSWER THE QUESTIONS-	
		A food chain explains which organism eats another organism in the environment. The food chain is a linear sequence of organisms where nutrients and energy is transferred from one organism to the other. This occurs when one organism consumes another organism. It begins with the producer organism, follows the chain and ends with the decomposer organism. After understanding the food chain, we realise how one organism is dependent upon another organism for survival.	
		organism is dependent upon another organism for survival.	
		Food Chain	
	1.	What does a food chain explain?	
	Ans	·	
	2.	With whom the food chain starts?	
	Ans.	The state of the s	
	3.	What is being transferred in a food chain?	
	Ans		
	4.	Write one another example of food chain.	
	Ans.	•	

<u>L-4 BIRDS</u>		BIRDS	
I.Ç		CBE Questions (Tick the correct op	etion).
	1.	Birds body is shaped like :-	
		a. Train	b. aeroplane
		c. bus	d. car
	2.	These type of feeth are been the highest	
	2.	These type of feathers keep the body v	
		a. Flight feather	b. Body feather
		c. Down feather	d. None of them
	3.	What makes birds different from other	
		a. wings	b. feathers
		c. Beaks and claws	d. All of them
	4.	Identify the stroke	
		a. upstroke	b. down stroke
		c. leftward	d. rightward
		Identify the nest.	
		Identify the nest.  a. Weaver bird	b. Tailor bird
		a. Weaver bird	
	6.	a. Weaver bird c. sparrow	
	6.	a. Weaver bird c. sparrow The beak of the birds is used for-	d. woodpecker
	6.	a. Weaver bird c. sparrow	
		a. Weaver bird c. sparrow  The beak of the birds is used for- a. pruning c. eating	d. woodpecker  b. feeding their chicks d. all of them
	6. 7.	a. Weaver bird c. sparrow The beak of the birds is used for- a. pruning c. eating The reason which makes a bird fly eas	d. woodpecker  b. feeding their chicks d. all of them
		a. Weaver bird c. sparrow  The beak of the birds is used for- a. pruning c. eating  The reason which makes a bird fly eas a. boat shaped body	d. woodpecker  b. feeding their chicks d. all of them  sily is- b. hollow bones
		a. Weaver bird c. sparrow The beak of the birds is used for- a. pruning c. eating The reason which makes a bird fly eas	d. woodpecker  b. feeding their chicks d. all of them
		a. Weaver bird c. sparrow The beak of the birds is used for- a. pruning c. eating  The reason which makes a bird fly eas a. boat shaped body c. wings and tail  A person who studies about birds are	d. woodpecker  b. feeding their chicks d. all of them  sily is- b. hollow bones d. all of them
	7.	a. Weaver bird c. sparrow The beak of the birds is used for- a. pruning c. eating  The reason which makes a bird fly eas a. boat shaped body c. wings and tail	d. woodpecker  b. feeding their chicks d. all of them  sily is- b. hollow bones d. all of them
	7.	a. Weaver bird c. sparrow The beak of the birds is used for- a. pruning c. eating  The reason which makes a bird fly eas a. boat shaped body c. wings and tail  A person who studies about birds are	d. woodpecker  b. feeding their chicks d. all of them  sily is- b. hollow bones d. all of them
	7.	a. Weaver bird c. sparrow  The beak of the birds is used for- a. pruning c. eating  The reason which makes a bird fly eas a. boat shaped body c. wings and tail  A person who studies about birds are la. zoologist	d. woodpecker  b. feeding their chicks d. all of them  sily is- b. hollow bones d. all of them  known as- b. scientist d. ornithologist

		c. beak		d. feath	ers
	10.	Statement: Mother bird takes care of its chicks, till they fly off.		hey fly off	
	10.	Reason: In the beginning the chicks are weak, featherless and their eyes are			
		closed			
	a.	a. Statement is right but reason is wrong.			
	b.	b. Statement is wrong but	reason is ri	ght.	
	c.	c. Both statement and reason are right.			
	d.	d. Both statement and rea	son are wro	ong.	
Q.II.		Give one word for the followings:			
,	1.	A young bird, not yet old e		eave the nest.	
	2.	Strong and sharp claws of			
	3.	Cleaning themselves using	their beak.		
	4.	When the wings move dow			
	5.	When the wings move bac	kward and	upward.	
Q,III	A.	Look at the pictures and fil	ll the follow	ving table:-	
		Picture of the beak	Type of be	eak	Example
		2. 3.			
	B.	6. Look at the following picture.	ures and fill	the table:-	
					Evample
		Picture of claw	Type of cla	aw	Example

2.
3.
4.
5.
6.
Read the paragraph and answer the following questions:-
There are different kind of nests made by different type of birds. 1.Cupshaped nests – Materials used to make such kind of nest is grass, soft cotton, twigs, cloth and feathers. It is mostly built on high places on branches of trees and open ceiling of houses. The shape of nest seems like a cup which keeps their egg and chicks safe inside.
2.Stitched Nests: This kind of nests is weaved by tailor bird with its sharp needle like beak.
3. Wooven Nests: This kind of nest is mainly found on tree branches. To make this nest birds use fine strips of palm leaves, banana leaves, grass etc. It's a kind of very creative and attractive tunnel shaped nest with an opening at the bottom for entry.
4. Hollow nests- This kind of nests are made by woodpecker by making a hole in the trunk of a tree with the help of their sharp and strong beak.
5. Platform nests:- Birds like vulture makes this kind of nest on the top part of the branch of a tree or on rocks. Their nest is also called as eyrie.
6.Ground nests: - As we all know or must have seen that penguins live in bulk crowd known as big colonies. They make their nest with stones, pebbles and bones on the ground.

	1.	Which materials are used to make cup shaped nests?			
	Ans.				
	2.	Which type of nest is made by tailor bird?			
	Ans.				
	3.	Who makes the most attractive, creative, tunnel shaped nest?			
	Ans.	What do we call the most made by your direction?			
	4.	What do we call the nest made by woodpecker?			
	Ans.				
	5.	Which bird makes its nest on ground?			
	Ans.	which old makes its liest on ground:			
	7 XII3.				
		L-5 O	ur Body		
			<del></del>		
Q.I		CBE Questions (Tick the correct option).			
Q.1		CDE Questions (Tick the correct op	dion).		
	1.	You as a student are considered as but	ilding blocks of our school. What are the		
		building blocks of your body.	8		
		a. tissue	b. cell		
		c. organ	d. organ system		
	2.		an → Organ system → Body		
		Fill in the blanks-			
		a. eye	b. ear		
		c. nose	d. tissue		
	2	An infant your ller has her			
	3.	An infant usually has bone			
		a. 206 c. 600	b. More than 300 d. 500		
		c. 600	u. 300		
	4.	The longest and strongest bone is	and the weakest bone		
	7.	is in our body.	and the weakest bone		
		a. thigh bone, colar bone	b. Colar bone, thigh bone		
		c. Backbone, thigh bone	d. Thigh bone, backbone		
			6 11 19 111 11		
	5.	Why does a small child of 6 months, i sabjee?	s given liquid diet instead of roti,		
		a. Because he can't chew	b. Because saliva will not mix with food		
		c. Because digestion process will not start	d. All of these		
	6.		nen how does the oxygen reaches to all		
		the parts of body  Through blood	b. Through food		
		a. Through blood	U. THEOUGH 1000		

	a Theoryth wyston	d None of them
	c. Through water	d. None of them
7.	The brain communicates with the body	z through-
,,	e. Through blood	f. Through nerves
	g. Through water	h. None of them
	g. Though water	iii 110iic of them
8.	Ravi became over weight and became	unfit. He should try these-
	a. Exercise regularly	b. Practice yoga and meditation
	c. Eat healthy food	d. All of these
9.	The body wastes urine and sweat are r	emoved from the body with the help of-
	a. Heart	b. Kidney
	c. stomach	d. lungs
10	The thumping sound which you can he	ear in your left side of chest, is due to-
	e. Heart	f. Kidney
	g. stomach	h. lungs
11.	Statement: Muscles and bones, both he	
	Reason: Muscles are the stretchy band	
	a. Statement is right but reason is wron	ng.
	1. Contract in the last contract in the contrac	.1.4
	b. Statement is wrong but reason is rig	gnt.
	c. Both statement and reason are right	•
	1.70.4	
	d. Both statement and reason are wro	ng.
Q.II.	Give one word for the following-	
1.	To take in a liquid, gas, or other substa	anges from outside
2.	The process of breaking down of food	
3.	A place where bones meet.	into simpler forms.
4.	A body part formed by tissues and doe	es a specific function
5.	The liquid produced by our mouth to s	•
3.	The fidule produced by our mouth to s	wanow rood.
Q.III.	Study the following pictures and answ	er the questions.
1.	Label the diagrams-	
		A B
	1.	2. C D
2.	Name of the system-1	2
	<u> </u>	
3.	How does system-1 help-	
Ans.	_	

Ans.  5. Name any 2 other systems of our body. Ans.  1. 2.  Read the paragraph and answer the following questions: - 1. Human body is made up of bones, flesh and blood. 2. Our body has many parts known as organs. 3. We can see some of our organs. These organs are called external organs. 4. We cannot see some of our organs. These organs are called internal organs. 5. A group of similar type of cells forms a tissue and a group of similar type of tissues forms an organ. 6. Many organs together form an organ system. 7. Some important organ systems of our body are respiratory system, digestive system, circulatory system, nevous system, skeletal system, muscular system, excretory system and reproductive system.  Q.1. Name three things human body is made of. Ans.  Q.2. Name some external organs. Ans.  Q.3. Name some internal organs. Ans.  Q.4. Name the organ systems of our body.  Ans.  Q.5. What makes an organ system?  Ans.  Q.5. What makes an organ system?  Ans.  1. The type of house that people live in depends on- a. The climate of the place c. The vehicles of the place d. none of them		4.	How does system-2 help-
Q.IV.  Read the paragraph and answer the following questions: -  1. Human body is made up of bones, flesh and blood.  2. Our body has many parts known as organs.  3. We can see some of our organs. These organs are called external organs.  4. We cannot see some of our organs. These organs are called internal organs.  5. A group of similar type of cells forms a tissue and a group of similar type of tissues forms an organ system, 7. Some important organ systems of our body are respiratory system, digestive system, circulatory system, nervous system, skeletal system, muscular system, excretory system and reproductive system.  Q.1. Name three things human body is made of.  Ans.  Q.2. Name some external organs.  Ans.  Q.3. Name some internal organs.  Ans.  Q.4. Name the organ systems of our body.  Ans.  Q.5. What makes an organ system?  Ans.  Q.5. What makes an organ system?  Ans.  1. The type of house that people live in depends onan.  a. The climate of the place b. The people of the place c. The vehicles of the place d. none of them		Ans.	
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a. The climate of the place c. The vehicles of the place d. none of them		1.	The type of house that people live in depends on-
			a. The climate of the place b. The people of the place
2 Puggo house in alludes			c. The vehicles of the place d. none of them
		2	December 2011 dec

		a. Flats	b. Apartments				
		c. bungalows	d. All of them				
	3.	What is not used to make Kutcha house?	?				
		a. mud	b. grass and leaves				
		c. straws	d. cement				
	4.	Igloo, built in extremely cold regions, he					
		a. the temperature high inside	b. the temperature low inside				
		c. the pressure low inside	d. the pressure high inside				
		This town of house is found in the mail	<b></b>				
	5.	This type of houses is found, in the region	on or-				
		a. Heavy rain and flood	b. Hot and dry				
		c. Cold	d. dessert				
	6.	In wooden houses, the wood keeps the h	ouse-				
		a. Cool in summer	b. Warm in winter				
		c. Cool in winter	d. Both a. and b.				
	7.	Houses in regions with heavy snowfall h					
		a. flat	b. sloping				
		c. circular	d. round				
	7	A 1 1 1 1 1 111					
	7.	A good and a clean house should have-	1. 1.1.1				
		a. big windows and doors	b. high ceiling and thick walls d. All of the above				
		c. open spaces, with proper drainage system	d. All of the above				
		dramage system	<u> </u>				
	8.	We wear different clothes according to t	he-				
		a. Weather of the place	b. Food of the place				
		c. Plants of the place	d. None of these				
		1					
	9.	Which is a natural fibre obtained from a	nimals-				
		a. jute	b. cotton				
		c. flex	d. silk				
	10.	Nylon, polyester and rayon are-					
		a. Man made fibre	b. Natural animal fibre				
		c. Natural plant fibre	d. None of these				
Q.II.		Give one word for the following-					
	1.	Open space of a house.					
	2.	A substance that kill germs.					
	3.	Materials that are used to make clothes.					

	5.	Posts that support a building or a house.
Q.III		Study the following picture and write any five characters of a good house.
		Keeping our House Clean
	1.	
	2.	
	3.	
	4.	
	5.	
Q.IV		Read the paragraph and answer the following questions:-
		CLOTHES AND FIBRES  Early humans used leaves and skin of dead animals to cover their bodies.  Nowadays, we wear clothes not just to cover our bodies but also to  • keep ourselves warm in winters.
		<ul> <li>protect ourselves from sun's heat in summers.</li> <li>protect ourselves from rain and insect bites.</li> <li>look good.</li> </ul>
		Clothes are made up of fibres. Fibres are of two types:  (a) Natural fibres  (b) Synthetic (human-made) fibres
1		Natural fibres are obtained from either plants or animals. Cotton and jute are plant fibres. Wool and silk are animal fibres.

Ans.	
2.	Why do we wear clothes? Give 3 points.
a.	
b.	
c.	
3.	Clothes are made up of
4.	How many types of fibres are there?
Ans.	
5.	Give 2 examples of each type of fibres.
Ans.	

	HALF YEARLY EXAMINATION (MOCK PAPER)							
				SECTION	-A			
Q. I		Tick the corre	ect option.					25x1=2
	Q.1.	Which word is	able?					
			Man-made thing	gs	Natu	ral thir	ngs	
			Phone			Eggs		
			Photo			Eagle		
		Parrot Spices						
		a.Spices	b. Parrot	c. Eagle		d. Pho	oto	
	Q.2.	Maya: My favo	rrect reason for the ourite old dress decannot fit into m	loes not fit n	ne.			
		a. Living thing					ngs reproduce	
		b. Living thing	s grow		d. Liv	ing thi	ngs need food.	
		a.Taproot	b. Fibrous roo	t c. Aerial	root	d. Sto	rage root	
	Q.4.		he animals into	A		В	C	
		separate group to place the and with him.		ALB .	G	as a second		
		a.A only	b.B only		c. C on	ly	d. None of them	
	Q.5.	Respiration : Carbon – dioxide :: photosynthesis :						
		a.Sunlight	b. Oxygen	c. Water		d. See	ed	
	Q.6.	These animals	eat both plants a	nd other ani	mals ex	cept.		

	AD	(					
	a.bear	b. ca	at	c.e	lephant	(	d. human
Q.7.	In a food chain,	a fro	g becomes a	meal	for a		
	a.goat	b. m	nonkey	c.gra	sshopper	d. sna	ke
Q.8.	Which of these	feath	ers are used	for fla	pping?		
	a.flight feathers	l	b.body feather	ers	c.down fea	athers	d. all of them
Q.9.	Who am I? I have a strong, at the back.	short	and hard be	ak. I	have three to	oes in t	he front and one toe
	a.sparrow		b.crow		c.eagle		d. (a) and (b) only
Q.10.	Neha touched a Which system h					er hand	l away from it.
	a.circulatory		b.excretory		c. reprodu	ctive	d.nervous
Q.11.	is	good	for our musc	ular s	ystem.		
	a.regular exerci	sing	b.taking ba	ath	c.sleeping		d. blowing balloon
Q.12.	Food chain can	start	with:				
	a. human	b. p.	lants	c.ani	mals	d. pla	nts and animals.
Q.13.	Lungs : windpi	pe :: I	Heart :				
	a.bladder	ŀ	b. nerves		c.blood ve	ssels	d.bones
Q.14.	Where do birds	build	their nests?				
	a.on trees	b. ir	the ground	<b>c.o</b>	n wall caviti	ies	d. all of them
Q.15.	This organ syste	em ke	eps the hear	t, lung	s and kidne	ys safe.	
	a.reproductive	1	b.skeletal		c.circulato	ory	d.excretory

	a.rat	b.rabbit	c.snake	d.tiger					
Q.17.		diver. She wears oird's foot is like		nd webbed footwear. Which	ch of				
	a.eagle	b.duck	c.crane	d.stork					
Q.18.		bird has	a chisel- shaped	beak.	)				
	a.duck	b. woodpe	cker c. vultu	ire d.hawk	200				
Q.19.	Birds are		animals.						
	a.toothless	b.feathere	d c.both (a) a	and (b) c. none of ther	n				
Q.20.			have long and po suck nectar from						
		but R is incorrect, but R is correct							
	Paheli and Poo school. They w clothes for thei got confused. T cotton, and sor There were ma Paheli and Poo	yere very excited or parents. When The shopkeeper one were synthetically iny silk sarees as	prize in a Science and decided to u they saw a large explained that so c. He also had we well. ed. They touched	e correct option- e Quiz competition held at use the prize money to buy variety of cloth material, me clothes or fabrics were coolen mufflers and shawls d and felt these different and a cotton saree.	they				
Q.21.	Paheli and poo	ja went to		shop.					
	a. coffee	b. clothes	c. medical	d. grocery					
Q.22.		is a plant	fibre.						
	*** 1	b. Cotton	c.Silk	d. All of them.					
	a.Woolen	o. Cotton							

		a.Silk	b. Cotton	c. Rayon	Rayon d. Woolen						
	Q.24.	How many clot	l h material vario	eties are there	e in that	shop?	)				
		a.few	b.large	c.two		d.thr	ee				
	Q.25.	. Paheli and Pooja bought and woolen muffler for their parents.									
		a.cotton saree	b.shawl	c.silk sar	ree	d.no	ne of these.				
). II	Q.26.	Do as directed	<u> </u> 					5x2=10			
	i.	Fill in the blan	ıks.								
	a.	Insects feed on		(wax / necto	or) from	flowe	rs.				
	b.	Living things _	(cl	nange / don't	change)	their	shape as they grow.				
	c.	All living thing	s are			(n	atural / man-made).				
	d.	Some seeds are used as (grains / spices) for flavouring food.									
	ii.	Give one word for the followings									
	a.	The downward and forward movement of bird's wings.									
	b.	Narrow at the t	wo ends, broad	in the middle	e body s	hape.					
	c.	The coming out of a young one from an egg									
	d.	This bird collects pebbles and small stones to make its nest on ground.									
	iii.	Match the following.									
	a.	p. Tongue					<ul><li>i. Non-Living</li><li>ii. One main root.</li></ul>				
	b.	q. Turmeric r. Taproot									
	c.	s. Tyre			i	v. Un	nse organ derground stem				
		i i		, r-			S				
	iv.	Write true or false									
	a.	Gills are the respiratory organs of fish									
	b.	Most flowers c	hange into fruit	S							
	c.	Stomata presen	t on grasshoppe	er's body.							
	d.	A seed requires	only sunlight i	in order to gr	ow into	a plan	it				

	v.	Label the following diagrams-							
			ystem						
		SECTION -C							
III.		Answer the following questions as per instruction	ons given below.						
	Q.27.	Answer the following in short.  Give two examples of		3X2=6					
		Wading bird:,,,							
	ii.	Complete this food chain with suitable animal n	ames.						
	iii.	Why do we wear dress?							
	Q.28.	Answer the following in detail.							
	i.	Fill this table with <b>function of the mouth part</b> and <b>one example.</b>							
		Mouth part Fund Sharp front tooth.	Example Example						

	a b c d e
iii.	a. How many sense organs do we have?  b. Complete the concept map:
11.	iiii
ii.	Very sharp, pointed front teeth and strong flat grinding teeth at back.  Sharp, broad front teeth and strong flat grinding teeth at back.  Write three ways to keep your house clean.

		TERM- II
		LESSON- 8 AIR
Q.I		CBE Questions (Tick the correct option).
	1.	Which property of the air is related to the unflattening of the balloon?
		a. Air is tasteless b. Air has weight
		c. Air is invisible d. Air occupies space
	2.	Which gas of the air is exhaled by the animals?
		a. Oxygen b. Nitrogen
		c. Carbon dioxide d. Smoke
	3.	Which of the following is not TRUE regarding the properties of air?
		a. Air has chlorophyll b. Air has weight
		c. Air exert pressure d. Air occupies space
	4.	Which of the followings does not disturb the balance of gases in the air?
		a. Planting trees b. Cutting of trees
		c. Smoke from factories d. Harmful gases
	5.	Statement: Air exert pressure.
		Reason: Air is visible.
		a. Statement is right but reason is wrong.
		b. Statement is wrong but reason is right.
		c. Both statement and reason are right.
		d. Both statement and reason are wrong.
	6.	Burning: Oxygen:: Photosynthesis:

	a. Oxygen b. Nitrogen
	c. Carbon dioxide d. Smoke
7.	Which of the following pictures need, air to move.
	a. b.
	.c d.
8.	Air pollution is directly related to the
	a. Tooth decay b. Deafness c. Stomach disorder d. Breathing
9.	Mountaineers carry oxygen cylinder with them when they climb mountains because
	<ul> <li>a. Oxygen content decreases on higher altitude.</li> <li>b. Air is not present on mountains.</li> <li>c. Mountains are very steep.</li> <li>d. There is extreme cold on mountains.</li> </ul>
10.	Which feature of the air is demonstrated in the given experiment?
	a. Air is tasteless b. Air has weight c. Air exert pressure d. Air occupies space

Q.II		Give one word for the following.
	1.	It is a slow and gentle wind.
	2.	I am a type of wind that blows strongly.
	3.	The contamination of air due to pollutants.
	4.	I am tiny living thing found in air that spread disease
	5.	The balloon that flies due to hot air and carries passengers.
Q.III		Look at the given pictures and answer the following questions.
	A.	
	1.	What supports burning?
	Ans.	
	2.	Why the candle lit off inside a jar?
	Ans.	
	B.	Which type of pollution is shown in the given picture?
		which type of poliution is shown in the given picture?
	Ans.	
	2.	Mention two factors of this pollution.

	Ans.	
Q.IV		Read the paragraph given below and answer the following questions.
	A.	Sara went to the farm house and saw the moving windmills. Windmills move by the air and produce electricity and run flour mills too. Air helps the movement of gliders, parachutes, airplanes etc. Air also helps in the dispersal of seeds and pollen in plants. Air is also needed for burning. To keep the air clean we should plant more trees.
	1.	How the windmills move?
	Ans.	
	2.	Why windmills are useful?
	Ans.	
	3.	Two things which moves by air.
	Ans.	
	4.	One agent of seed dispersal.
	Ans.	
	5.	One way to keep the air clean.
	Ans.	
		LESSON- 9 WATER
Q.I		CBE Questions (Tick the correct option).
	1.	What should be done with water to give it a solid shape?
		a. Melting b. Freezing
		c. Evaporation d. Condensation
	2.	The change in causes change in the form of water.
		a. shape b. size

	c. temperature d. weight
3.	occurs in the plants to excess water.
	a. transpiration, store b. transpiration, remove
	c. condensation, store d. condensation, remove
4.	solid – liquid : Melting :: liquid - gas :?
	a. Condensation b. Evaporation
	c. Precipitation d. Transpiration
5.	Statement: Water vapour makes cloud.
	Reason: Clouds are the gaseous form of water.
	a. Only statement is right.
	b. Only reason is right.
	c. Both statement and reason are right.
	d. Both statement and reason are wrong.
6.	Air outside is than the air in the freezer.
	a. colder b. warmer
	c. greater d. lesser
7.	The process by which water vapour changes into water is called?
	a. Melting b. Freezing
	c. Evaporation d. Condensation
8.	What is the process shown in the given picture?
	a. Melting b. Freezing
	c. Evaporation d. Condensation
9.	Choose the correct order of the states of water as the given picture.

		a. Liquid, Solid, Gas b. Solid, Gas, Liquid
		c. Solid, Liquid, Gas d. Gas, solid, Liquid
	10.	What is shown in the given picture?
		a. Condensation b. Precipitation
		c. Evaporation d. Melting
Q.II		Give one word for the following.
	1.	It is a process by which plants release excess water
	2.	It is a continuous cycle by which water circulates on the earth.
	3.	The process by which solid changes into gas
	4.	Something which does not have a fixed shape and can take shape of any container
	5.	The water that is found under the ground
Q.III		Look at the given pictures and answer the following questions.
	A.	1111

	1.	Name the given picture.
	Ans.	
	2.	What is the main source of water?
	Ans.	
	В.	- Water droplets - Ice block
	1.	The process by which the water droplets are formed on the outer surface of the glass.
	Ans.	
	2.	This picture shows that is present in the air in the form of
	Ans.	
Q.IV		Read the paragraph given below and answer the following questions.
	A.	Available water resources are degrading rapidly. In plains, river water is used intensively for irrigation, drinking, domestic and industrial purposes. The drains carrying agricultural (fertilizers and insecticides), domestic (solid and liquid wastes), and industrial effluents join the rivers. The concentration of pollutants in rivers, especially remains very high during the summer season when flow of water is low. It is a big threat to our mother earth.
	1.	Which problem is discussed in the above passage?
	Ans.	
	2.	What people use river water for?
	Ans.	
	3.	What are agricultural pollutants of water?
	Ans.	

	4. In which season flow of the water will be high?		
	Ans.		
	5.	Write one measure to stop this pollution.	
	Ans.		
		DELHI PUBLIC SCHOOL, GANDHINAGAR	
		PERIODIC TEST-II (MOCK PAPER)	
		Instructions:	
	i.	All the questions are compulsory.	
	ii.	Answer the questions as per the instructions.	
		SECTION-A	
Q.I		Choose the correct option. 10x1=10	
	1.	It is a form of water which is also a part of air.	
		a. Liquid b. Fume	
		c. Smoke d. Water vapour	
	2.	Name the property of the air shown in the given activity.	
		a. Air has weight	
		b. Air exert pressure	
		c. Air is invisible	

	d. Air is tasteless	
3.	Plants removes excess water as shown in the given picture. Which process is responsible for the same.	
	Water Drops	
	a. Photosynthesis b. Suction	
	c. Transpiration d. Stomata	
4.	In the given picture water vapour changes into tiny drops. What can be the reason for this?	for
	The state of the s	
	a. Evaporation b. Melting	
	c. Precipitation d. Condensation	
5.	What <b>cannot</b> be a preventive measure of Air pollution?	
	a. Bursting crackers b. Use public transport	
	c. Avoid burning garbage d. Plant more trees	
6.	Statement: Loamy soil is the best soil for the growth of the plants.	
	Reason: Loamy soil is a mixture of sand, clay and humus.	
	a. Statement is right but reason is wrong.	
	b. Statement is wrong but reason is right.	

	c. Both statement and reason are i	right.			
	d. Both statement and reason are	wrong.			
7.	Riya added water in a glass jar fill and found different layers in the ja	ed with soil. After stirring it, she left it undisturbed ar. What can be layer X?			
		X			
	a. bits of leaves and grass	b. clay			
	c. small pebbles	d. sand			
	Read the paragraph given below	v and choose the correct option.			
	Now a day, pollution is a huge problem and a threat for this beautiful world. Polli is anything that makes the earth dirty and unhealthy. Air, water, and land are all affected by pollution. It can be from factories, cars or even how we throw away of trash. Pollution is not good because it can make people and animals sick and can change the weather.				
	environment, human lives, animal	on leaves a huge negative impact on our s etc. We as responsible citizens, must take steps ust join hands to take various initiatives and fight			
8.	What is threatening for the world?				
	a. factories	b. pollution			
	c. cars	d. earth			
9.	Pollution has negative impact on				
	a. human lives	b. our environment			
	c. animals	d. all of the above			
10.	Which is not a kind of pollution?				
	a. air pollution	b. land slide			

		c. water pollution	d. land pollution	
		S	SECTION-B	
Q.II	Q.11	Do as directed.		
	i.	Fill in the blanks.		2x <sup>1</sup> / <sub>2</sub> =1
	a.	soil has very l	ess air. (sandy / clayey)	
	b.	Water vapour is light and it rises	(clouds / high)	
	ii.	Give one word for the following.		2x <sup>1</sup> / <sub>2</sub> =1
	a.	What is needed for burning?		
	b.	Name the process by which liquid ch	anges into solid.	
	iii.	Match the following.		4x <sup>1</sup> / <sub>4</sub> =1
		Column A	Column B	
		a. Icebergs	1) slow and gentle wind	
		b. manure	2) makes the soil fertile	
		c. breeze	3) found in river beds	
		d. clayey soil	4) solid form of water	
			·	
		a; b	; c; d	
	iv.	Write true or false.		2x <sup>1</sup> / <sub>2</sub> =1
	a.	The sun's heat causes wind to blow.		
	b.	Rivers and lakes contain the gaseous	form of water	

		SECTION-C	SECTION-C	
Q.III	Q.12	Answer the following question as per the given instructions.		
	A.	Look at the given pictures and answer the following questions.  3x1:	=3	
	1.			
	a.	What does the above picture represents?		
	Ans.			
	b.	Name the process A.		
	Ans.			
	ii.			
	a.	Which property of the air is represented in the above picture?		
	Ans.			
	В.	Answer the following questions. 3x1:	=3	
	i.	Write two uses of air.		
	Ans.			
	ii	How is the soil formed?	_	

1	Ans.	
	iii	What is transpiration?
	Ans.	
	1115.	
		a. 15 b. 1500
		c. 150 d. 55
3	3.	Shadow is always formed to the source of light.
		a. in front of b. above
		c. side d. opposite
2	4.	What is not a requirement for a shadow?
		a. light b. surface
		c. opaque object d. moon
4	5.	How much time light takes to reach from sun to the earth?
		a. 6 minutes b. 7 minutes
		c. 8 minutes d. 9 minutes
(	6.	The given picture shows that
		a. A book emits light b. Light helps us to see
		c. An eye emits light d. Book help us to see
	7.	The object shown here, does not cast shadow. It is most likely made up of X material. X could be

	a. Opaque b. Translucent		
	c. Transparent d. Wood		
3	If the object is far from the source of the light then the size of the object will be		
	a. same b. perished		
	c. large d. small		
Ş	. What else can be a natural source of light other than the sun?		
	a. moon b. firefly		
	c. planet d. torch		
1	0. Statement: Frosted glass is a translucent object.		
	Reason: Translucent objects allow the light to pass through them only partially.		
	a. Statement is right but reason is wrong.		
	b. Statement is wrong but reason is right.		
	c. Both statement and reason are right.		
	d. Both statement and reason are wrong.		
Q.II	Give one word for the following.		
1	. The objects that can produce light		
2	. The object which do not allow the light to pass through them at all.		
3	. A dark image formed on the surface when the light is blocked by a thing or a person.		

	4.	The beam of light.		
	5.	The group in which the given objects.(stone, metal, wood, book, wall )can be placed.		
Q.III		Look at the given pictures and answer the following questions.		
	A.	Powerful torch (a) Cardboard piece (b)		
	1.	Why picture b has a bigger shadow?		
	Ans.			
	2.	What if the cardboard is replaced by a frosted glass?		
	Ans.			
	B.	A B C		
	1.	What is demonstrated by the given picture?		
	Ans.			
	2.	What if cardboard B is displaced?		
	Ans.			
Q.IV		Read the paragraph given below and answer the following questions.		
	A.	An object is seen only when light falls on it, and it reflects some light into our eyes. However, opaque objects block a certain amount of <b>light</b> falling on them, which leaves a dark area behind them, called the <b>shadow</b> . The shape of a <b>shadow</b> resembles		

	that of the object. However, it has no colour. Its colour is just shades of grey/darkness.
	A B C
1.	Do shadows have colour and minute details of the object?
Ans.	
2.	Which shadow is shortest one and why?
Ans.	
3.	What if the trees will be made up of clear glass?
Ans.	
4.	Why light is important for the plants.
Ans.	
5.	Why people sit and take rest under a tree in a sunny day?
Ans.	

Q.I 1.	CBE Questions (Tick the correct of Sound is made as a result of	
1.		
	a. vibration	·
	wi vierwien	b. location
	c. precipitation	d. motion
2.	Which one is different from others.	
	a. c.	d.
3.	Unpleasant sounds are disturbing to h	poor and can a
3.		
	a. healing	b. care
	c. damage	d. yawn
4.	Given picture can be a reason of	
	a. deafness	b. calmness
	c. dumbness	d. politeness
5.	The loudest natural sound on the eart	h is caused by
	a. earthquake	b. famine

		c. eruption of volcanoes d. sound of blue whale
	6.	Odd one out.
		a. music of guitar b. bursting of crackers
		c. chirping of birds d. pitter-patter of the rain
	7.	Statement: The vocal cords vibrate when we speak or produce sound.
		Reason: Sound is made as a result of vibrations.
		a. Statement is right but reason is wrong.
		b. Statement is wrong but reason is right.
		c. Both statement and reason are right.
		d. Both statement and reason are wrong.
	8.	Sound cannot travel through
		a. glass b. air
		c. vacuum d. metal
	9.	Match the following:
		a. leaves i. oink
		b. goat ii. rustling c. pig iii. bleat
		a. a i, b. – iii, c ii b. a iii, b. – ii, c i
		c. a ii, b i, c iii d. a ii, b iii, c i
	10.	is a loud sound that disturbs our hearing ability.
		a. Noise b. Instruments
		c. Vocal d. Language
Q.II		Give one word for the following.
	1.	The structure at the top of the wind pipe containing vocal cords.
	2.	A loud or unpleasant sound

	3.	The sound needs to travel through. Who am I?
	4.	I am a machine that generates electricity and makes loud noise.
	5.	The soft and refreshing sound
Q.III		Look at the given pictures and answer the following questions.
	A.	
	1.	Name the medium by which sound is travelling in the above picture.
	Ans.	
	2.	Will we be able to hear the sound of bell if the water is replaced by a metallic sheet?
	Ans.	
	В.	
	1.	How the sound is produced by guitar?
	Ans.	
	2.	Which kind of sound is produced by a guitar?
	Ans.	

	A.	We make sounds when we talk, sing, cry or shout. Sound can be pleasant or too loud and bothersome. Loud and unpleasant sound is called noise. Things like loudspeakers, noisy vehicles, and construction noises can make very loud sounds that are not pleasant to our ears. This is called noise pollution. Too much noise pollution can have negative effects on our health and well-being. It can make us feel stressed, tired, or have trouble sleeping.
	1.	What is noise pollution?
	Ans.	
	2.	Mention two causes of noise pollution.
	Ans.	
	3.	What are impact of noise pollution?
	Ans.	
	4.	Mention two pleasant sounds.
	Ans.	
	5.	Give reason, why in the hospitals "Silent Please" board are placed at many palaces?
	Ans.	
		LESSON -14 FORCE
Q.I		CBE Questions (Tick the correct option).
	1.	Which is <b>not</b> a property of force?
		a. Force can move an object.
		b. Force can change the shape of an object
		c. Force can change the speed of a moving object.
		d. Force can change the composition of an object.
	2.	What cannot be an impact of force?

	a. b.
	c. d.
3.	When we throw a ball up in the sky, it falls back. The force responsible for this is
	a. Magnetic force b. Elastic force
	c. Muscular force d. Gravitational force
4.	We need to work.
	a. energy b. muscles
	c. bones d. tools
5.	is a kind of force that slows down or stops a moving object.
	a. Pull b. Friction
	c. Push d. Gravity
6.	To keep an object moving, the applied force should be than the friction.
	a. lesser b. greater
	c. equal d. minimum
7.	Which of these actions does not show friction?
	a. b.

		c. d.
	8.	Statement: The movement of an object by the application of force is called energy.
		Reason: Making chapatti with a dough is not a work.
		a. Statement is right but reason is wrong.
		b. Statement is wrong but reason is right.
		c. Both statement and reason are right.
		d. Both statement and reason are wrong.
	9.	Odd one out.
		a. squeezing of sponge b. Typing on keyboard
		c. stretching of rubber band d. making a dough
	10.	As friction helps us to walk, in the same way helps the thing to pull towards the earth.
		a. nature b. soil
		c. gravity d. water
Q.II		Give one word for the following.
	1.	I bring something closer by using force. Who am I?
	2.	The force that stops or slows down a moving object
	3.	What is a push or pull?
	4.	The force by which the earth pulls things towards it.
	5.	The movement of the object by the application of force
Q.III		Look at the given pictures and answer the following questions.

	1. Ans.	Which type of force is applied by the man in the above picture?
	2.	Name the force found in between tire of the car and the road.
	Ans.	
	В.	
	1.	Do you think in clay art, force is applied?
	Ans.	
	2.	Which impact of force is used in clay art?
	Ans.	
Q.IV		Read the paragraph given below and answer the following questions.
	A.	Mahi loves cycling. She uses to do cycling daily for an hour. After this she feels exhausted and takes rest. She uses to have a glass of fresh juice with some dry nuts to refresh her again.

	1.	Which force is used to paddle the bicycle?
	Ans.	
	2.	Which force helps the bicycle to slow down the speed?
	Ans.	
	3.	Why does she get exhausted after cycling?
	Ans.	
	4.	On which road the speed of the bicycle will be more, on a smooth road or on a rough road?
	Ans.	
	5.	Write one benefit of cycling.
	Ans.	
		LESSON-15 WEATHER AND SEASONS
Q.I		CBE Questions (Tick the correct option).
	1.	The weather of the day does not depend on
		a. Clouds b. Sun
		c. Winds d. People of the place
	2.	Which season does this place experiencing?
		Modern Shirt

	a. Spring season b. Autumn season
	c. Rainy season d. Summer season
3.	Viha lives in Kashmir. She went to her uncle's place for her Summer vacation and packed cotton clothes only. What can be her uncle's place?
	a. Shimla b. Ladakh
	c. Darjeeling d. Chennai
4.	Statement: Weather remain same for a long period of time.
	Reason: The condition of air at a given place is known as weather.
	a. Statement is right but reason is wrong.
	b. Statement is wrong but reason is right.
	c. Both statement and reason are right.
	d. Both statement and reason are wrong.
5.	Odd one out.
	a. Rain b. Hail
	c. Snow d. Dew
6.	Change in changes the weather.
	a. Sun b. Wind
	c. Temperature d. Clouds
7.	Snow fall & fog are seen in winter season whereas loo and longer days are part of
	a. Spring season b. Autumn season
	c. Rainy season d. Summer season
8.	Less rainfall : :: Too much rainfall : Flood
	a. Earthquake b. Famine
	c. Drought d. Landslide

	9.	The amount of carbon-dioxide in the atmosphere is in the summers than
		in winters.
		a. more b. less
		c. equal d. can't say
	10.	The study that deals with the weather is called
		a. Geology b. Biology
		c. Numerology d. Meteorology
Q.II		Give one word for the following.
	1.	The condition of the air at a place at a particular time.
	2.	The same weather condition lasts for a long time
	3.	A mixture of rain and snow
	4.	The season which is also called fall season
	5.	The condition where land dries up and cracks due to no rain.
Q.III		Look at the given pictures and answer the following questions.
	A.	Expring to max handy that have
	1.	What is the another name of rainy season?
	Ans.	
	2.	What a too less rainfall leads?
	Ans.	
	1	

	B.	
	D.	Sunny Cloudy Rainy
	1.	What is the above picture related to?
	Ans.	
	2.	Name a few factors affecting weather.
	Ans.	
Q.IV		Read the paragraph given below and answer the following questions.
	A.	During summer, we normally wear light coloured cotton clothes. We sweat a lot in the summer. Cotton is a good absorber of water. Cotton clothes have fine threads which easily allow air to pass through when compared to woollen clothes. Thus, it absorbs sweat from our body and exposes the sweat to the atmosphere, making its evaporation faster which leaves the cooling effect. Cotton clothing keeps us safe from fungus and other harmful microorganisms.
	1.	From where do we get cotton?
	Ans.	
	2.	Why do we wear cotton clothes in summer?
	Ans.	
	3.	Why our clothes get wet if we work under the sun?
	Ans.	
	4.	What else should we do to protect us from heat in summer?
	Ans.	
	5.	How will you help animals in the scorching summer?
	Ans.	
	1	

		LEGGON 46 EADEN GIN AND MOON		
		LESSON- 16 EARTH, SUN, AND MOON		
Q.I		CBE Questions (Tick the correct option).		
	1.	The planet revolves on a fixed path called		
		a. path b. revolution		
		c. orbit d. rotation		
	2.	The given diagram of earth represents		
		a. revolution b. rotation		
		c. formation of planet d. formation of comet		
	3.	The earth rotates from		
		a. east to west b. north to south		
		c. south to north d. west to east		
	4.	Arrange the following in the increasing order of the size. The Earth, the Sun and the Moon.		
		a. The Earth – The Moon – The Sun		
		b. The Earth – The Sun – The Moon		
		c. The Moon – The Earth – The Sun		
		d. The Sun – The Earth – The Moon		
	5.	Identify the <b>wrong</b> statement.		

	a. The moon is a natural satellite of the Earth.	
	b. The moon is a fix body.	
	c. The moon always keeps changing its shape.	
	d. The moon is rocky place with no air	
6.	A model of earth is called	
	a. globe b. map	
	c. sketch d. drawing	
7.	Which planet is represented by H?	
	a. Saturn b. Uranus	
	c. Jupiter d. Neptune	
8.	Statement: The solar system comprises the sun and its eight planets.	
	Reason: All the planets revolve around the earth on an elliptical path called orbit.	
	a. Statement is right but reason is wrong.	
	b. Statement is wrong but reason is right.	
	c. Both statement and reason are right.	
	d. Both statement and reason are wrong.	
9.	The given picture represents occurrence of different seasons. Which movement of earth is responsible for this.	

		a. Rotation  Spring  Winter  Winter  B. Axis	
		c. Constellation d. Revolution	
	10.	A group of stars forming the pattern is shown below. Such kind of groups are called	
		a. planet b. comet c. group d. constellations	
Q.II		Give one word for the following.	
	1.	The thin layer of air that surrounds the earth	
	2.	An imaginary line from the north pole to south pole	
	3.	The first person to walk on the moon.	
	4.	The planet of the solar system that supports life	
	5.	The heavenly body that revolves around the planets is called.	
Q.III		Look at the given pictures and answer the following questions.	
	A.		

		A full moon aning gibbous waxing crescent  B aning gibbous waxing crescent  Waxing crescent  Waxing crescent  B aning gibbous waxing crescent	
	1.	How much time a moon takes to complete one revolution around earth?	
	Ans.		
	2.	Name the phase A and B of the moon.	
	Ans.		
	B.	Which celestial bodies are represented by dots in the above picture?	
		which celestial bodies are represented by dots in the above picture?	
	Ans.		
	2.	Name any two constellations.	
	Ans.		
Q.IV		Read the paragraph given below and answer the following questions.	
	A.	Kalpana Chawla (March 17, 1962 – February 1, 2003) was born in Karnal, India. Kalpana Chawla was an American astronaut primarily belonging to India. She made India feel proud not only in the United States but the entire world. She has the privilege to be the first Indian woman reaching into space. She joined NASA in 1995. Her first space mission began on 19 November 1997 with flight STS-87. Kalpana travelled 1.04 million miles in this mission and spent more than 360 hours in space.	

1.	Who was Kalpana Chawla?
Ans.	
2.	In which year does she joined NASA?
Ans.	
3.	What was the name of her first space mission flight?
Ans.	
4.	How much time she spent in her first space mission?
Ans.	
5.	What inspiration did you get from her life?
Ans.	
	Delhi Public School, Gandhinagar
	ANNUAL EXAMINATION (MOCK PAPER)
	Instructions:
i.	All the questions are compulsory.
ii.	Answer the questions as per the instructions.
	SECTION-A

Q.I		Choose the correct option.		25x1=25			
	1.	In which of the arrangement, will you be able to see the candle flame from the end.					
			Arrangement A				
			Arrangement B	]			
		a. Arrangement B	b. Arrangement A				
		c. In both the arrangements	d. Cannot say				
	2.	Which of the following objects block the path of light.					
		a. air	b. transparent plastic sheet				
		c. leaf	d. glass				
	3.	I am a natural luminous object. I car	n fly in the air. Who am I?				
		a. Sun	b. Hot air balloon				
		c. Chandelier	d. Firefly				
	4.	What if the torch light is placed more closure to the ball in the given picture?					
		a. The size of the shadow will increa	ase.				
		b. The size of the shadow will decre	ase.				
		c. The shadow will not form.					
		d. The shadow will be the same.					

5.	The light is a combination of colours.
	a. yellow b. orange
	c. white d. seven
6.	Which of the following is true.
	a. Donkey produces bow sound.
	b. Sound needs a material medium to travel through.
	c. Sound can be produce by living things only.
	d. Loud sound is pleasant sound.
7.	Which one is the pleasant sound.
	a.  c.  d.
8.	How do we produce sound?
	a. Movement of air by lungs b. Movement of air in the nose
	c. Vibration of voice box d. Vibration of lung
9.	Statement: Loud sound is called noise.
	Reason: Noise can even cause deafness.
	a. Statement is right but reason is wrong.
	b. Statement is wrong but reason is right.
	c. Both statement and reason are right.
	d. Both statement and reason are wrong.

10	O. Soft sound : Pleasant sound - chirping	Soft sound : Pleasant sound - chirping of birds.		
	Loud sound :	bursting of crackers.		
	a. Vibration	b. Unpleasant sound		
	c. Refreshing sound	. Voice box		
11	. Which force is used in the given pictur	Which force is used in the given picture?		
	大学大	うさだ		
	a. Push	o. Pull		
	c. Both a and b	l. Force is not used.		
12	Which impact of force is used in the gi	iven picture.		
	a. Force can move an object.			
	b. Force can stop a moving object.			
c. Force can change the shape of an object.		ject.		
	d. Force can change the speed of an ob	ject.		
13	B. Which of the following things cannot be	be moved by applying force.		
	a. table	b. pillar		
	c. bag	d. scooter		
14	While riding a bicycle, Rama uses brea responsible for this.	ak to reduce the speed. Which force is		
	a. Friction	b. Magnetic force		
	c. Gravitational force	d. Muscular force		
15	5. Which floor will cause maximum frict	ion?		
	a. wet	b. smooth		

	c. rough	d. Slippery	
16.	Which of the following days has th	e least visibility?	
	a. sunny day	b. foggy day	
	c. windy day	d. cloudy day	
17.	This season comes after monsoon.		
	a. Winter season	b. Spring season	
	c. Summer season	d. Autumn season	
18.	In the given picture what the child	is experiencing?	
	a. Breeze	b. Storm	
	c. Drought	d. Clouds	
19.	Statement: Floods are harmful for h	numans, animals, and crops.	
	Reason: Too much rain causes floo	d.	
	a. Statement is right but reason is w	vrong.	
	b. Statement is wrong but reason is right.		
	c. Both statement and reason are ri	ght.	
	d. Both statement and reason are w	vrong.	
20.	The study that deals with the weath	ner is	
	a. Biology	b. Meteorology	
	c. Geology	d. Sociology	
21.	How much time does the moon tak	e to complete one revolution around the earth?	

	a. 24 days	b. 365 days	
	c. 24 hours	d. 28 days	
22.	When the earth spins, the	e part of the earth that faces the sun has	
	a. day	b. night	
	c. both day and night	d. none of these	
23.	What is X in the given p	icture?	
		Sun	
	a. axis	b. orbit	
	c. satellite	d. constellation	
24.	Which statement is not t	rue about the sun?	
	a. The sun is also a star.		
	b. All the planets revolve around the sun.		
	c. The temperature of the	e surface of the sun is 5538C	
	d. The sun rotates on its own axis.		
25.	Name the planet E.		

	a. Mercury	b. Venus		
	c. Mars	d. Earth		
	SECTION-	В		
Q.26	Do as directed.	5x2=10		
i.	Fill in the blanks:			
a.	The earth spins around its own	.(orbit / axis)		
b.				
c.	We can applyt	o stop a moving toy car. (force / sound)		
d.	Light travels in a / an	line. (curvy / straight)		
ii.	Give one word for the following.			
a.	A group of stars forming pattern in the sl	xy		
b.	The same weather that lasts for two to th	ree months		
c.	A loud and unpleasant sound.			
d.	The objects that cannot produce light on	their own.		
iii.	Match the following.			
	Column A	Column B		
	a. Frosted glass	1) Gravitational force		
	b. Earth	2) Day and night		
	c. Winter season	3) Translucent object		
	d. Rotation 4) Smog			
	i. a. b. c. d. ii. a. b. c. d.	c. Mars    Column A   Column A		

	a; b; c; d
iv.	Write true or false.
a.	The phase when no moon is seen is called gibbous moon.
b.	Typing using a keyboard involve force.
c.	Fire does not produce a sound.
d.	Wood is an example of opaque object
v.	Label the following diagram.
	Phases of Moon
	SECTION-C
	Answer the following questions as per the given instructions.
Q.27	Answer the following in short. 3x2=6
i	Write down two luminous objects which are not natural.
Ans.	a
	b
	a. b. c. d.  v.  Q.27

Ans.	a
	b
iii.	Name any two planets which are situated after the earth according the solar system.
Ans.	a
	b
Q.28	Answer the following in detail. 3x3=9
i.	Differentiate between Rotation and revolution (three points for each).
	Differentiate between Rotation and revolution (three points for each).
Ans.	
ii.	Mention the three things required to get a shadow. Give one example for each.
Ans.	a
	b
	c

iii.	Write three ways in which friction is used in our day-to-day lives.
Ans.	a
	b
	c