

Science and Technology-III (Solution)

CHAPTER 1 : LIVING AND NON-LIVING THINGS

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (a) **2.** (c) **3.** (b) **4.** (b)

(B) Answer the following questions :

- 1. Those things which have life are known as living things, *e.g.* human beings, animals, trees etc. These things can walk, talk, breathe and grow.
- 2. The things made by man are called man made things. Chair, table, cars etc. are man made things.
- 3. All living thing breathe because all living things breathe in air. We cannot stay alive without breathing.

4. A kitten - grows into a cat

- 4. Non living things are bus, table, book etc.
- (C) Fill in the blanks with the words given below :
 - 5. chick 1. water 2. plant 3. energy **4.** fly
- (D) Say whether the following statements are 'True and False': 1. True 2. False 3. True 4. True 5. False

Sharpen your vocabulary

(A) Match the following column : **2.** A baby - grows into a child

- **1.** A chick grows into a hen
- **3.** A seed grows into a plant
- **5.** A little puppy grows into a dog

Activity

- (A) Circle the living things :
 - Do himself
- (B) Do himself
- (C) Do himself

CHAPTER 2 : PARTS OF PLANTS

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (a) **2.** (b) **3.** (c) **4.** (a)

(B) Answer the following questions :

1. The two kinds of roots are tap roots and fibrous roots. Tap roots are cotton, mustard and fibrous roots are grass, onion, wheat, rice.

2. Functions of Stem :

- (a) The stem gives support to the plant.
- (b) It keeps the plant upright and bears leaves.
- (c) It bears leaves, buds, flowers and fruits.

(d) It carries food, made by the leaves to the different parts of the plant.

- (e) It stores extra food, e.g. potato, sugarcane and ginger.
- **3.** Leaf is called the "Kitchen of the plant" because leaves prepare food for the whole plant with the help of air, water and sunlight.
- 4. Mustard plant or sunflower plant.
- (C) Fill in the blanks with the words given below : 2. stomata 1. water **3.** leaves **4.** seed 5. ground (D) Say whether the following statements are 'True and False': 1. False 3. False 4. True 5. False **2.** True Sharpen your vocabulary (A) Match the following : 1. Pea - seed **2.** Mint - leaf 3. Apple - fruit 4. Sugarcane - stem 5. Carrot - root

Activity

- (A) Label the following :
- Flower, Stem, Leaf, Root
- (B) Do himself.

CHAPTER 3 : PLANTS AND ANIMALS DIFFER

(A)	Multiple Choice Questions (MCQ)					
	Tick (\checkmark) the corre	ct answer :				
	1. (b)	2. (b)		3. (b)		
(B)	Answer the foll	owing question	s :			
	1. Plants make the	heir own food wit	h the help o	of air, water and sunlight.		
	2. (i) Plants and	animals both are	living bein	ngs.		
	(ii) Animal bre	athe with the helj	p of nose an	nd plants breathe with the help of leaf pores.		
	(iii) Animals c	an move from one	e place to a	another but a plant cannot move.		
	3. Non-green pla	nts make their ov	vn food froi	om dead and decaying matter in the soil.		
(C)	Fill in the blank		-	below:		
	1. move	00	food	4. seed		
(D)	Say whether the		ements ar	re 'True and False' :		
	1. True	2. True 3.	False	4. True		
Sha	arpen your vocal	oulary				
(A)	Match he follow	ving:				
	1. Eyes - part of a	an animal body				
	2. Flower - part of	of a plant				
	3. A lion - eats ot	ther animals				
	4. An elephant -	love to eat sugard	eane			
	5. Green plants -	make their own	food			
Act	ivity					
(A)	Find the follow	ing eight anima	ls name. (One is done for you :		
	1. Lion	2. Cow	3. Horse	e 4. Monkey 5. Tiger		
	6. Zebra	7. Hen	8. Rat			
(B)	Do himself					

CHAPTER 4 : FOOD AND FEEDING HABITS OF ANIMALS

	UTAI						
(A)	Multiple Choice Tick (\checkmark) the correct	-	(MCQ)				
	1. (b)	2. (a)	3. (a)	4. (b)			
(B)	Answer the foll	owing quest	tions :				
	1. Animals need	food for alive	, growth and s	tay healthy. Food	l also give them energy.		
	2. Some animals who eats only grass and green plants are called herbivores.						
	3. Some animal	who eat flesh	of other anima	als are called carr	nivores.		
				whole. They just s	shoot out their tongue. They		
	can open their	·					
(C)	Fill in the blan		-				
	1. Butterflies	2. flesh	3. blood	4. scavengers	5. horse		
(D)	Say whether th						
	1. True	2. False	3. True	4. False	5. True		
Sha	arpen your vocal	bulary					
(A)	Match the follo	wing:					
	1. Cow - eats gra	ISS					
	2. Tiger - eats fle						
	3. Snake - swalle						
	4. Mosquito - suc						
	5. Honey bee - su						
(B)	Name two anim						
	1. Cow, Goat	2.	Tiger, Lion	3. Dog, Be	ar		
Act	ivity						
(A)		erbivores, '(C' for carniv	ores and 'O' fo	r omnivores in the box		
	provided :						
	С, С, О, Н, Н, С,	0,0					
(B)	Do himself						
	CHAPTE	R 5 : BIRDS	: BEAKS, CI	_AWS, FEATHE	R AND NEST		
(A)	Multiple Choice	e Questions	(MCQ)				
	Tick (\checkmark) the corre	ect answer :					
	1. (b)	2. (a)		3. (b)	4. (a)		
(B)	Answer the foll						
			ort, hard and	horny beaks. Th	ey use their beak to crack		
	grains and see						
	2. Ducks have th the bird to pus			•	have webbed toes and help		
	3. Birds build ne it is ready to l		themselves an	d their young one	es. A bird makes nest when,		
	•		nd long feather	s are usually four	nd on the wings and the tail.		
	These feathers	s help the bird	d in flying.	-	č		
(C)	Fill in the blan	ks with the v	words given l	below :			

1. teeth 2. hooked 3. penguin 4. upstrokes

(D) Say whether the following statements are 'True and False':

1. False **2.** True **3.** True **4.** True **5.** False

Sharpen your vocabulary

(A) Match the following :



Activity

- (A) Draw or paste a picture of a nest of weaver bird : Do himself.
- (B) Do himself

FORMATIVE ASSESSMENT-1

 (A) Multiple Choice Questions (MCQ) Tick (✓) the correct answer :

 (b)
 (b)
 (c)
 (b)

(B) Answer the following questions :

- **1.** All living thing breathe because all living things breathe in air. We cannot stay alive without breathing.
- **2.** Ducks have three toes in front and one toe at the back. They have webbed toes and help the bird to push water efficiently while swimming.
- 3. Some animal who eat flesh of other animals are called carnivores.
- 4. Non-green plants make their own food from dead and decaying matter in the soil.

(C) Fill in the blanks with the words given below :

1. chick2. seed3. hooked4. blood5. penguin

Activity

1. Do himself

CHAPTER 6 : OUR BODY : A WONDERFUL MACHINE

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (c) **2.** (a) **3.** (c) **4.** (b)

(B) Answer the following questions :

- **1.** Sense organs help us to see, hear, smell, taste and feel. Eyes, ears, nose, tongue and skin are five sense organs of our body.
- **2.** The digestive system act in stages to digest our food. Each stage is important and prepares the food from the next stage. firstly it goes into mouth, then goes to stomach, then goes to small intestine, and then undigested food goes to large intestine and goes out with the help of anus.
- **3.** Organ system of our body do not work independently. It work together as members of a team. A number of organs inside our body connected together to do a particular kind of work. These organs form an organs system.
- **4.** The circulatory system is made up of heart, blood vessels and blood. The circulatory system helps in the movement of blood of different parts of the body. The heart works like a pump and pump blood to different parts of the body.

	Fill in the blai	nks with the w	ords given belo	w :	
	1. nose 2.	excretion	3. heart 4.	skin 5. oxyge	en
(D)	Say whether t	he following st	tatements are 'T	'rue and False' :	
		. False		True 5. True	
Sha	arpen your voc	abulary			
	Match the foll				
()	1. Ear - hearing	-	2. Nose - Smell	3. Skin - tou	ch
	4. Tongue - tast	•	5. Eyes - sight		
(B)	-		ns with the follo	owing systems :	
(/	1. Brain, Spinal	-		ne, Large Intestine	
	3. Nose, Wind p			,8	
Act	tivity	1			
(A)	Draw sketche	s of five sense	organs :		
	Do himself.		0		
(B)	Collect the pic	ctures of differe	ent systems of h	uman body from o	oldbooks and paste
	them in your		·	·	-
	Do himself.				
				S AND FIRST AID	
(A)	Multiple Choi	-	MCQ)		
	Tick (\checkmark) the cor				
			0 (1)	4 (1)	
	1. (a)	2. (b)	3. (b)	4. (b)	
(B)	Answer the fo	llowing questi	ons:		
(B)	Answer the fo 1. Accident is a	llowing questi sudden activity	ons : which harm us ii	n any manner.	and from the state of the state
(B)	Answer the fo1. Accident is a2. Scissors, kni	llowing question a sudden activity ves, wet-floors an	ons: which harm us in nd gas-stoves are s	n any manner. some dangerous thir	ngs found in a house.
(B)	Answer the fo1. Accident is a2. Scissors, kni3. The first help	llowing question a sudden activity ves, wet-floors an o gives to an injur	ons : which harm us in nd gas-stoves are s red or a sick persor	n any manner. some dangerous thin before a doctor arri	ngs found in a house. ves is called first aid.
(B)	Answer the fo1. Accident is a2. Scissors, kni3. The first help4. (i) Do not get	llowing question a sudden activity ves, wet-floors an o gives to an injur t frightened on s	ons: which harm us in nd gas-stoves are s red or a sick person eeing an accident	n any manner. some dangerous thin before a doctor arri	-
(B)	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le 	llowing questi a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the person	n any manner. some dangerous thin before a doctor arri on who is hurt.	-
(B)	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the 	llowing questi a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person.	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit	n any manner. some dangerous thin before a doctor arri on who is hurt. tle drinking water.	-
	 Answer the fo 1. Accident is a 2. Scissors, knii 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do 	llowing question a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. O octor or take him	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit t to a clinic or hos	n any manner. some dangerous thin before a doctor arri on who is hurt. tle drinking water. pital.	-
	 Answer the fo 1. Accident is a 2. Scissors, knii 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the blast 	llowing questi a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hos ords given belo	n any manner. some dangerous thin before a doctor arriv on who is hurt. tle drinking water. pital. w:	ves is called first aid.
(C)	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the bland 1. accidents 	llowing questi a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hos ords given belo 3. blades	n any manner. some dangerous thin before a doctor arrive on who is hurt. tle drinking water. pital. w: 4. injured	-
(C)	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the blass 1. accidents Say whether the second second	llowing questi a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra the following st	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hos ords given belo 3. blades tatements are "T	n any manner. some dangerous thin before a doctor arri on who is hurt. tle drinking water. pital. w : 4. injured Yrue and False' :	ves is called first aid. 5. push
(C) (D)	 Answer the fo 1. Accident is a 2. Scissors, knii 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the blant 1. accidents Say whether to 1. True 	Ilowing question a sudden activity ves, wet-floors an o gives to an injurt t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra the following st 2. False	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hos ords given belo 3. blades	n any manner. some dangerous thin before a doctor arrive on who is hurt. tle drinking water. pital. w: 4. injured	ves is called first aid.
(C) (D) Sha	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the blan accidents Say whether to True 	Ilowing question a sudden activity ves, wet-floors and o gives to an injure t frightened on s t a crowd gather injured person. (Context octor or take him nks with the w 2. zebra the following st 2. False abulary	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hos ords given belo 3. blades tatements are "T	n any manner. some dangerous thin before a doctor arri on who is hurt. tle drinking water. pital. w : 4. injured Yrue and False' :	ves is called first aid. 5. push
(C) (D) Sha	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the bland 1. accidents Say whether to 1. True arpen your voc Match the foll 	Ilowing questie a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. Co octor or take him nks with the w 2. zebra the following st 2. False abulary owing :	ons : which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hosp ords given belo 3. blades tatements are "T 3. True	n any manner. some dangerous thin before a doctor arrive on who is hurt. tle drinking water. pital. w: 4. injured Yrue and False': 4. False	ves is called first aid. 5. push
(C) (D) Sha	 Answer the fo 1. Accident is a 2. Scissors, knii 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the blan accidents Say whether to True arpen your voc Match the foll Zebra crossing 	Ilowing question a sudden activity ves, wet-floors and o gives to an injure t frightened on s t a crowd gather injured person. (Context octor or take him nks with the w 2. zebra the following st 2. False abulary	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hosp ords given belo 3. blades tatements are "T 3. True	n any manner. some dangerous thin before a doctor arrive. on who is hurt. tle drinking water. pital. w: 4. injured Yrue and False': 4. False Gas stoves - fire	ves is called first aid. 5. push 5. False
(C) (D) Sha	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the blass 1. accidents Say whether t 1. True arpen your voc Match the foll 1. Zebra crossin 3. Knife - cut 	llowing question a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra 3. False abulary 1. Substance abulary 1. Substance 2. False 3. False 3. False 3. False 3. Substance 3. Sub	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hosp ords given belo 3. blades tatements are "T 3. True	n any manner. some dangerous thin before a doctor arrive on who is hurt. tle drinking water. pital. w: 4. injured Yrue and False': 4. False	ves is called first aid. 5. push 5. False
(C) (D) Sha (A)	 Answer the for 1. Accident is a 2. Scissors, knii 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the bland 1. accidents Say whether to 1. True arpen your voce Match the foll 1. Zebra crossin 3. Knife - cut 5. Walk - Footp 	llowing question a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra 3. False abulary 1. Substance abulary 1. Substance 2. False 3. False 3. False 3. False 3. Substance 3. Sub	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hosp ords given belo 3. blades tatements are "T 3. True	n any manner. some dangerous thin before a doctor arrive. on who is hurt. tle drinking water. pital. w: 4. injured Yrue and False': 4. False Gas stoves - fire	ves is called first aid. 5. push 5. False
(C) (D) Sha (A)	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the blass 1. accidents Say whether t 1. True arpen your voc Match the foll 1. Zebra crossin 3. Knife - cut 	llowing question a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra 3. False abulary 1. Substance abulary 1. Substance 2. False 3. False 3. False 3. False 3. Substance 3. Sub	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hosp ords given belo 3. blades tatements are "T 3. True	n any manner. some dangerous thin before a doctor arrive. on who is hurt. tle drinking water. pital. w: 4. injured Yrue and False': 4. False Gas stoves - fire	ves is called first aid. 5. push 5. False
(C) (D) Sha (A)	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the bland 1. accidents Say whether to 1. True arpen your voce Match the foll 1. Zebra crossind 3. Knife - cut 5. Walk - Footpetivity 	<pre>Ilowing questie a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra the following st 2. False abulary lowing : ng - Black and w path</pre>	ons: which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hosp ords given belo 3. blades tatements are "T 3. True thite stripes 2. 4.	n any manner. some dangerous thin before a doctor arrive. on who is hurt. tle drinking water. pital. w: 4. injured Yrue and False': 4. False Gas stoves - fire	ves is called first aid. 5. push 5. False c shock
(C) (D) Sha (A)	 Answer the fo 1. Accident is a 2. Scissors, kni 3. The first help 4. (i) Do not ge (ii) Do not le (iii) Lay the (iv) Call a do Fill in the bland 1. accidents Say whether to 1. True arpen your voce Match the foll 1. Zebra crossind 3. Knife - cut 5. Walk - Footpetivity 	<pre>Ilowing questie a sudden activity ves, wet-floors an o gives to an injur t frightened on s t a crowd gather injured person. (octor or take him nks with the w 2. zebra the following st 2. False abulary lowing : ng - Black and w path</pre>	ons : which harm us in ad gas-stoves are s red or a sick person eeing an accident around the perso Give him/her a lit to a clinic or hosy ords given belo 3. blades tatements are "T 3. True thite stripes 2. 4. given below. Fi	n any manner. some dangerous thin before a doctor arrive. on who is hurt. tle drinking water. pital. w: 4. injured brue and False': 4. False Gas stoves - fire Open wire - Electri	5. push 5. False c shock mean :

(B) Write the safety rules neatly on a chart and put it on the wall of your classroom. Do himself.

		CHA	PTER 8 : OUR H	IOUSES	
(A)	Multiple Ch	oice Questions ((MCQ)		
	Tick (\checkmark) the c	orrect answer :			
	1. (a)	2. (a)	3. (c)	4. (c)	
(B)	Answer the	following quest	ions :		
	1. We all nee	d a house to live in	n. Our house keeps	s us safe from heat,	cold, rain and wind. It
	also protec	cts us from anima	ls, robbers and th	ieves.	
	2. The mater	ials are used to bu	uild a house like k	orick, cement, steel	l, wood and glasses.
	3. We keep of	ur house clean in	many manners li	ke :	
	(i) We show	uld clean our hous	se everyday.		
	(ii) We sho	ould always keep o	our things at prop	er places.	
	(iii) Keep a	all food items prop	perly covered.		
	(iv) Curtai	ins must be washe	ed regularly.		
	4. We need p	oroper drainage sy	ystem in our hou	se so that the dirt	y water easily carried
	away.				
(C)	Fill in the b	lanks with the w	vords given belo	ow:	
	1. clean	2. plants	3. regularly	4. balconies	5. toilets
(D)	Say whether			Frue and False':	
	1. True	2. False	3. True	4. False	5. True
Sha	arpen your vo	ocabulary			
(A)	Unscramble	the letters to ge	et the correct w	ords related our	house :
	1. window	2. door	3. bathroom	4. curtain	
	5. houses	6. kitchen			
(B)	Name six ma	aterials used to	construct house	es:	
	(a) Brick	(b) Cement	(c) Sar	nd (d) Ste	eel
	(e) Wood	(f) Glass			
Ac	tivity				
	Do himself.				
		Fo	rmative Assess	ment-2	

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (c) **2.** (b)

4. (b)

(B) Answer the following questions :

1. Organ system of our body do not work independently. It work together as members of a team. A number of organs inside our body connected together to do a particular kind of work. These organs form an organ system.

3. (c)

- **2.** The circulatory system is made up of heart, blood vessels and blood. The circulatory system helps in the movement of blood of different parts of the body. The heart works like a pump and pump blood to different parts of the body.
- **3.** The first help given to an injured or a sick person before a doctor arrives is called first aid.

- 4. We keep our house in many manners like :
 - (i) We should clean our house everyday.
 - (ii) We should always keep our things at proper places.
 - (iii) Keep all food items properly covered.
 - (iv) Curtains must be washed regularly.

(C) Fill in the blanks with the words given below :

1. skin	2. regularly	3. push	4. accidents	5. toilets
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Activity

- 1. Do himself.
- 1. Do himself.

Summative Assessment-1

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (b) **2.** (a) **3.** (a) **4.** (c) **5.** (b)

(B) Answer the following questions :

- **1.** Non living things are bus, table, book etc.
- 2. Plants make their own food with the help of air, water and sunlight.
- **3.** Birds build nests to protect themselves and their young ones. A bird makes nest when, it is ready to lay eggs.
- 4. Mustard Plant and Sunflower Plant
- **5.** Organ system of our body do not work independently. It work together as members of a team. A number of organs inside our body connected together to do a particular kind of work. These organs form an organ system.
- 6. The materials are used to build a house is brick, cement, steel, wood and glasses.

(C) Fill in the blanks with the words given below :

- 1. seed 2. flesh 3. upstrokes 4. nose 5. clean
- (D) Say whether the following statements are 'True and False':
- **1.** False **2.** True **3.** False **4.** True **5.** True

(E) Match the following :

- 1. A chick grows into a hen
- **2.** A baby grows into a child
- **3.** A seed grows into a plant
- 4. A kitten grows into a cat
- 5. A little puppy grows into a dog

(F) Name two animals that :

2. Tiger, Lion 3. Dog, Bear

(G) Write the names of two organs with the following systems :

- 1. Brain, Spinal Cord
- 2. Small Intestine, Large Intestine
- 3. Nose, Windpipe

1. Cow. Goat

Activity

- (H) Do himself
- (I) Do himself

CHAPTER 9 : SOUND AND LIGHT

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (b) **2.** (a) **3.** (c) **4.** (a)

(B) Answer the following questions :

- **1.** Sound is produced by vibrations. Vibrations are to and fro movement. When air Vibrates sound is formed.
- **2.** Non-luminous objects are those objects which do not have their own light and it can be seen only in presence of light. For examale-Table, chair.
- **3.** Sounds which are unpleasent in nature are angry, shouting, honking horns and loud banging.
- **4.** A shadow is formed when the path of light is blocked. A shadow is formed on the opposite side of the light. The shape of the shadow depends upon the shape of the object. It can be smaller or bigger than the size of the object. The shade of a tree is actually its shadow.

(C) Fill in the blanks with the words given below :

- **1.** Communication**2.** Vibrations**3.** Musical**4.** Lunar eclipse**5.** Shadow
- (D) Say whether the following statements are 'True and False':
 - 1. False
 2. True
 3. False
 4. True
 5. True

Sharpen your vocabulary

(A) Match the correct traffic signal with the correct activity :

- 1. Music Pleasant sound.
- 2. Horn Unpleasant sound.
- **3.** Torch Light.
- 4. Book Non-luminous object.
- 5. Shadow Luminous object

Activity

- (A) Do himself.
- (B) Do himself.

Chapter 10 : Force and Work

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (c) **2.** (b) **3.** (a) **4.** (b)

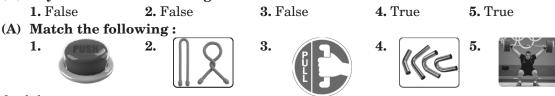
(B) Answer the following questions :

- **1.** A push or pull that moves or stops a moving body is called force.
- **2.** Force helps us to moves a body, shape of a moving body and change the direction of the moving body.
- **3.** Work done can be calculated by the following formula.
 - Work done = Force applied on an object × distance moved by the object ($w = f \times d$)
- **4.** When we apply force on any object and it moves through a distance, we say that work is done. Force helps us to work.

(C) Fill in the blanks with the words given below :

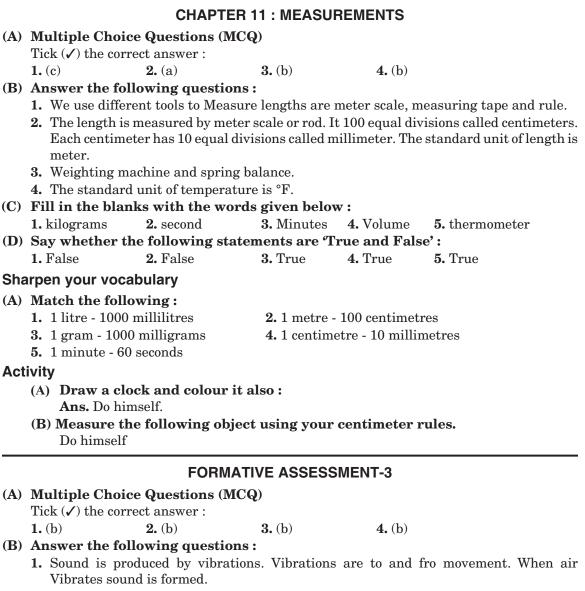
1. object 2. batsman 3. force 4. wind

(D) Say whether the following statements are 'True and False':



Activity

(A) Cycling, Batsman, Bowling, Riding, Lift.



- **2.** A push or pull that moves or stops a moving body is called force.
- **3.** The standard unit of temperature is °F.

4. The environment includes all living and non-living things surrounding us. This includes trees, grass, animals, air, water and other such things.

(C) Fill in the blanks with the words given below :

1. musical 2. thermometer 3. batsman 4. force 5. underground

Activity

1. Do himself.

		CHAP	TER 12 : ENVIE	RONMENT				
(A)	Multiple Ch	oice Questions (MCQ)					
	Tick (\checkmark) the c	orrect answer :						
	1. (b)	2. (c)	3. (c)	4. (b)				
(B)	Answer the	following questi	ons:					
	 The environment includes all living and non-living things surrounding us. This includes trees, grass, animals, air, water and other such things. Plants are useful to us because they give woods, vegetables, fruits and medicines to us. 							
				thing again and agair				
	envronme		l to encourage a	ably decided to dedic ction to protect the nment day.	÷			
(C)	Fill in the b	lanks with the w	ords given belo)w:				
	1. Pleasant	2. garba	0	clean				
	4. undergroun	nd 5. defore	estation					
(D)	Say whether			Frue and False' :				
	1. False	2. True	3. True	4. False	5. True			
Sha	arpen your vo	ocabulary						
(A)	Match the fe	ollowing :						
	1. Plants and	d animals - living t	hings.					
		ter - sewage pipes.						
	3. Mosquitoe							
		ironment day - 5th	n june.					
	5. Waste pap	v						
(B)		•		draw a (*) against t	hose that help in			
		t clean and heal	thy:					
	(1) *	(3) *						
Act	ivity							
(A)	Look at the	pictures and se	e what is happ	ening. State whethe	er it is correct or			
	not :							
	Incorrect, cor	rect, incorrect, cor	rect.					
(B)			we keep our s	urroundings clean	and display it in			
	your classro							
	Ans. Do him	self.						

CHAPTER 13 : SOIL

3. (a)

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (c) **2.** (b)

(B) Answer the following questions :

- 1. Soil is the uppermost layer of the Earth's surface in which plants grow.
- **2.** Soil is formed over a long period of time by a number of factors. It can take up to 1000 years for just an inch of soil to form.

4. (a)

- **3.** Soil also contains the remains of dead animals and plants. This decayed matter is called humus. Humus makes the soil fertile.
- **4.** The best soil for growth of plants is loamy soil. The Gardners always mix loamy soil with the other soil to make the soil fertile and better.

(C) Fill in the blanks with the words given below :

1. soil	2. fertile	3. loamy	4. clayey soil	5. water
(D) Say whet	her the followi	ng statements are	'True and False'	:
1. True	2. False	3. True	4. False	5. True

Sharpen your vocabulary

(A) Match the following:

- 1. Clayey Soil for making pottery.
- 2. Sandy Soil for building houses.
- 3. Loam for growing plants.
- 4. Humus dead animals and plants.

(B) Write two qualities about each :

- 1. Sandy soil Building/Houses, Particles are Big
- 2. Clayey soil Making Pottery, Healthy nutrients
- 3. Loamy soil Growing crops, Air circulation

Activity

(A) Do himself.

(B) Do himself.

CHAPTER 14 : WATER

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (c) **2.** (c) **3.** (a) **4.** (c)

(B) Answer the following questions :

- 1. The three forms of water is called in solid, liquid and gas.
- **2.** The five activities for which we use water in our life : Bathing, Drinking, Washing the clothes, Cleaning the house and watering the plants.
- **3.** When the water changes into water vapour and goes into the air. The process of changing liquid water into water vapour is called evaporation.

4. The process of changing water vapour into water on cooling is called condensation.

(C) Fill in the blanks with the words given below :

	1. live	2. water	3. save	4. water vapour	5. steam
(D)	Say whether the	e following stater	nents are 'Tr	ue and False':	

1. False **2.** True **3.** True **4.** False **5.** True

Sharpen your vocabulary

(A)	Cross the od	d one :			
	1. Land	2. Writing	3. Ice	4. Soil	
Act	ivity				
	Do himself				
	C	HAPTER 15 : OU	R EARTH A	ND ITS NEIGHBOURS	
(A)	Multiple Cho	oice Questions (M	CQ)		
	Tick (\checkmark) the co	-	U.		
	1. (c)	2. (a)	3. (a)	4. (c)	
(B)	Answer the f	ollowing question	ns:		
				. These are Mercury, Venus, Earth, M	Mars,
		turn, Uranus and N			
	centre of th			e planets and the moons. The sun is a art of the family of eight planets. All t	
	3. The moon of motion to a	changes its shape e		fter every four weeks from a crescent k again, this process of changing sha	
	forms a spe		ed a constella	patterns in the sky. A group of stars ations. Some famous constellations are	
(C)		anks with the wo		low:	
(0)		2. moon 3. jug	-	etals 5. constellation	
(D)	Say whether			e 'True and False' :	
		2. False 3. Tr			
Sha	arpen your vo	cabularv			
	Match the fo				
(1. Sun - a big	0	2 . Co	onstellation - group of stars	
	3. Saturn - pla			uto - dwarf planet	
	-	est neighbour in sp		Ι	
Act	ivity		-		
	•	t is so light that i	t could floot	on water if you put it in a big end	mæh
(11)	tub? Read th	-	i coura moat	on water if you put it in a big end	Jugil
	Saturn				
(B)	Do himself				

FORMATIVE ASSESSMENT - 4

(A) Multiple (Multiple Choice Questions (MCQ)						
Tick (🗸) the	e correct answer :						
1. (b)	2. (c)	3. (a)	4. (c)				

(B) Answer the following questions :1. Soil is the uppermost layer of the Earth's surface in which plants grow.

- 2. There are eight planets in our solar system. These are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.
- **3.** When the water changes into water vapour and goes into the air. The process of changing liquid water into water vapour is called evaporation.
- 4. The moon changes its shape every day or after every four weeks from a crescent new motion to a round full moon and then back again, this process of changing shape is called phases of moon.

(C) Fill in the blanks with the words given below :

2. steam 3. live **1.** fertile 4. metals **5.** water

Activity

1. Do himself.

SUMMATIVE ASSESSMENT-2

(A) Multiple Choice Questions (MCQ)

Tick (\checkmark) the correct answer :

1. (c) 2. (b) 3. (a) 4. (c) 5. (a)

(B) Answer the following questions :

- 1. Non-luminous objects are those objects which do not have their own light and it can be seen only in presence of light. For example-Table, chair.
- 2. Plants are useful to us because plants gives us food, wood, oil, medicines, rubber, fibre, gum, paper and many other such things.
- **3.** The process of changing water vapour into water on cooling is called condensation.
- 4. Soil also contains the remains of dead animals and plants. This decayed matter is called humus. Humus makes the soil fertile.
- 5. Some stars occur in groups and form some patterns in the sky. A group of stars that forms a special pattern is called a constellations. Some famous constellations are the Ursa Major, Scorpio, Orion and Leo.
- 6. Work done can be calculated by the following formula. Work done = Force applied on an object × distance moved by the object $(w = f \times d)$

(C) Fill in the blanks with the words given below :

- **1.** constellation **2.** force **3.** line **4.** water vapour 5. water (D) Say whether the following statements are 'True and False': 1. False 2. False 3. False 4. True 5. True (E) Match the following column : 1. Music - Pleasant sound 2. Horn - Unpleasant sound 3. Torch - Light 4. Book - Non-Luminous object
 - 5. Shadow Luminous object
- (F) Write two qualities about each :
 - 1. Building/House, Particles are big
 - **3.** Growing crops, Air circulation

(G) Cross out the one:

1. Land **2.** Writing **3.** Ice

Activity

(G) Do himself

2. Making pottery, Healthy nutrients