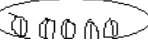

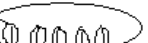
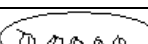


# Assignment 1

## LESSON – 1 (Plant Reproduction)

**Q1 Complete the following table.**

Conditions the seeds got	Conditions the seeds didn't got	Did the plant grow?	Why?
1.  AIR, WARMTH			
2.  WATER, WARMTH			
3.  AIR, WATER			
4.  AIR, WATER, WARMTH			

**Q2 Take the hint and tell the difference between**

1. Pea seed and maize grain (seed leaves)

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2. Rabi crop and kharif crop(season)

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3. Coconut seed and tiger nail seed(agents of dispersal)

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**Q3 Complete the second pair**

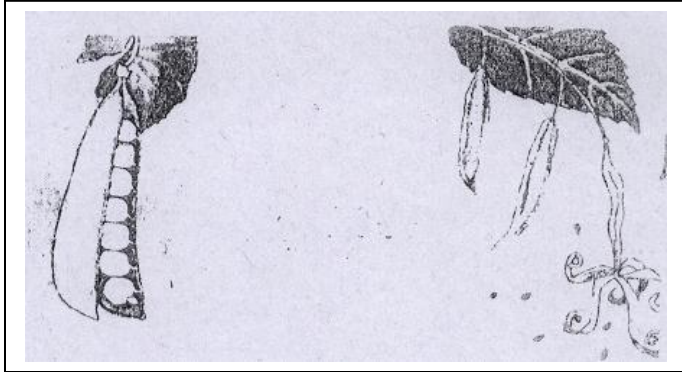
- Xanthium Seed : Dispersed by Animals:: Madar :\_\_\_\_\_
- Pesticide : Plant diseases ::\_\_\_\_\_:Increase in production of crop.
- Pea : Explosion :: Mango:\_\_\_\_\_
- Wheat: food::cotton:\_\_\_\_\_
- lily : bulb, \_\_\_\_\_ : leaf
- mango : seed, \_\_\_\_\_ : root
- hiptage : wind, \_\_\_\_\_ : explosion

**Q.4 Identify the seeds and name the agent responsible for its dispersal.**

\_\_\_\_\_

\_\_\_\_\_

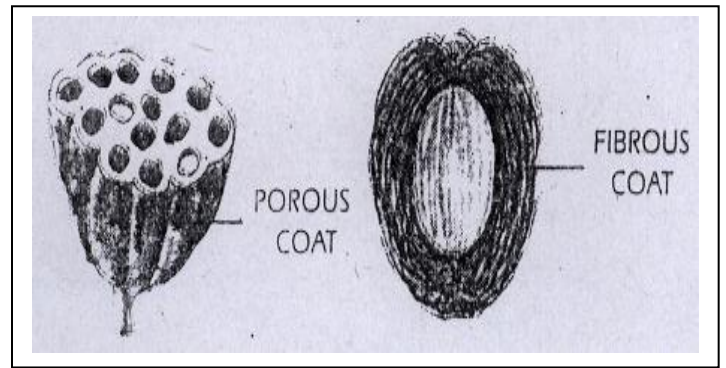
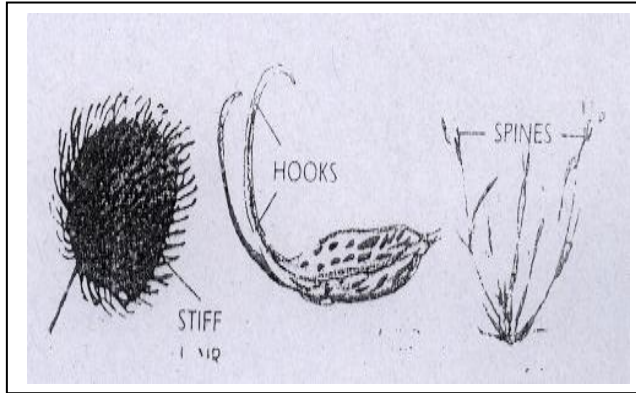
Agent \_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

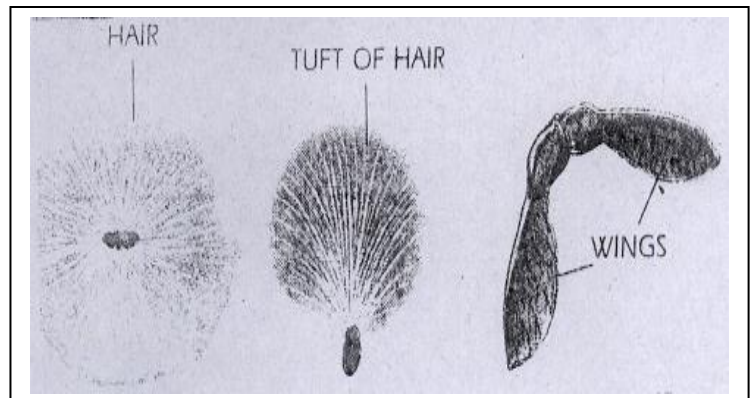
Agent \_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

Agent \_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

Agent \_\_\_\_\_

**Q5 If you were a gardener, what would you plant in the soil to grow a new**

(a) rose plant \_\_\_\_\_

(b) ginger plant \_\_\_\_\_

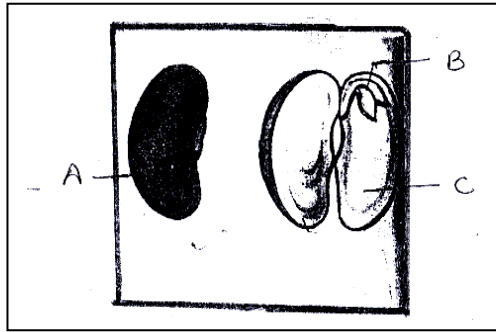
(c) rice plant \_\_\_\_\_

(d) onion plant \_\_\_\_\_

(e) sweet potato plant \_\_\_\_\_

(f) bryophyllum plant \_\_\_\_\_

**Q6 Study the diagram and answer the following questions:**



(i) Label A, B and C in the diagram

(ii) Write the functions of

A \_\_\_\_\_

\_\_\_\_\_

B \_\_\_\_\_

\_\_\_\_\_

C \_\_\_\_\_

\_\_\_\_\_

**Q7 Give reasons for the following.**

A) Seed dispersal is necessary for the plants to grow properly.

\_\_\_\_\_

\_\_\_\_\_

B) Flower is an important part of plants.

\_\_\_\_\_

\_\_\_\_\_

C) Ploughing is essential before sowing seed.

\_\_\_\_\_

\_\_\_\_\_

D) All seeds do not grow into new plants.

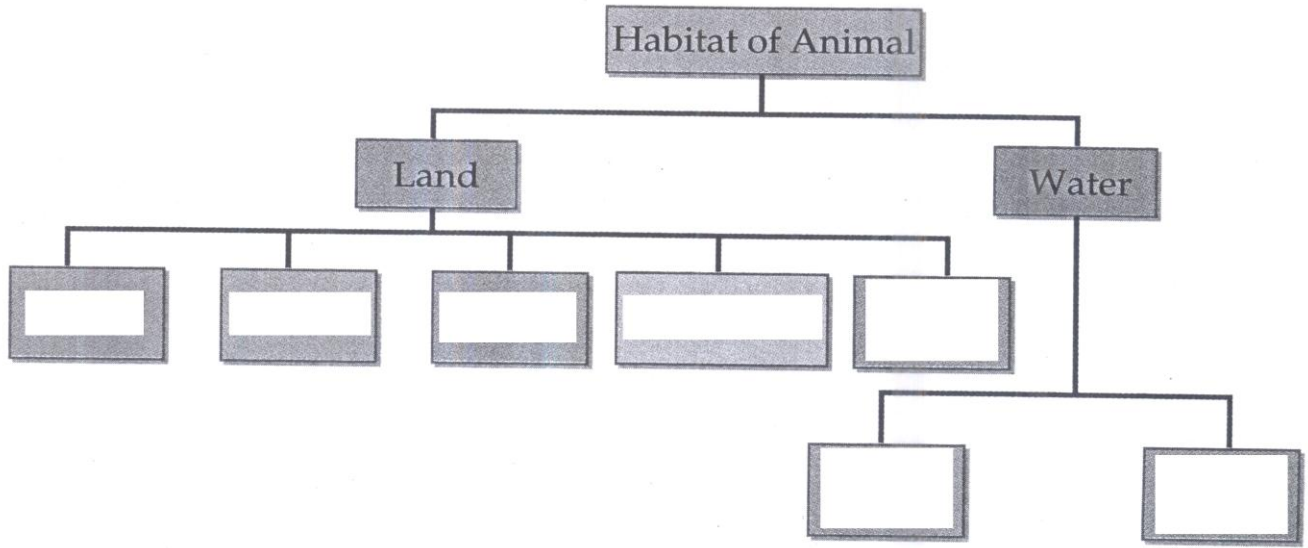
\_\_\_\_\_

\_\_\_\_\_

# Assignment -2

## LESSON – 2 (HABITATS OF ANIMALS)

**Q1** Complete the concept map.



**Q2** Fill in the blanks:

- a) \_\_\_\_\_ is a long winter sleep in animals.
- b) Porcupine has \_\_\_\_\_ to protect itself.
- c) A giraffe is a \_\_\_\_\_
- d) Fish have \_\_\_\_\_ to swim with.
- e) \_\_\_\_\_ lay eggs in sand or soil.
- f) \_\_\_\_\_ means shedding of old skin.
- g) \_\_\_\_\_ and \_\_\_\_\_ are water animals that look like a fish but are mammals.
- h) \_\_\_\_\_ live in air e.g. birds, bat.
- i) \_\_\_\_\_ live in water e.g fish, crab.
- j) \_\_\_\_\_ spent most of their time on trees e.g monkey, squirrel.
- k) \_\_\_\_\_ live both on land and water e.g – frog, toad.

**Q3** Write down the name of two animals for each of the following groups.

Animals with Shell	Animals with Scale	Animals with Fur

Q4 (a) Dolphin is an aquatic animal, and dog is a terrestrial animal. What is the common feature between them?

Ans. \_\_\_\_\_  
\_\_\_\_\_

(b) A bat and a bird can fly, yet they are different from each other. How?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5 Name an insect. How does it adapt itself?



\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q6 Name the animal. How does it adapt itself?



\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Assignment -3

## LESSON – 3 MOVEMENTS AND BREATHING OF ANIMALS

### Q1 Fill Ups-

- (i) Animals use all the four limbs to \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_.
- (ii) The octopus move around with the help of its strong \_\_\_\_\_.
- (iii) Snakes have strong \_\_\_\_\_ and \_\_\_\_\_ to move.
- (iv) Insect have a network of air tubes called \_\_\_\_\_
- (v) Sea turtles breathe through \_\_\_\_\_.
- (vi) This body part helps a horse for galloping \_\_\_\_\_
- (vii) This body part helps a rabbit for running \_\_\_\_\_.
- (viii) Insect have holes on their bodies called \_\_\_\_\_.

### Q2 Name the organ that helps the following animals to move.

- (a) Fish - \_\_\_\_\_
- (b) Turtle - \_\_\_\_\_
- (c) Snakes - \_\_\_\_\_
- (d) Crocodiles - \_\_\_\_\_
- (e) Birds - \_\_\_\_\_
- (f) Insects - \_\_\_\_\_

### Q3 Name the four main organs of breathing in animals are:-

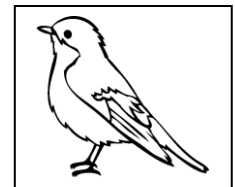
Ans. i. \_\_\_\_\_ ii. \_\_\_\_\_

iii. \_\_\_\_\_ iv. \_\_\_\_\_

### Q4 Observe the picture and answer the questions below:-

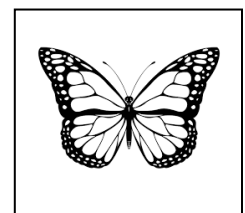
- a) What are the similarities between the two animals?

\_\_\_\_\_  
\_\_\_\_\_



- b) What are the differences between them?

\_\_\_\_\_  
\_\_\_\_\_



**Q5 Name the organ through which these animals breathe-**

1. Mammals- \_\_\_\_\_
2. Fish- \_\_\_\_\_
3. Insect- \_\_\_\_\_
4. Frog – \_\_\_\_\_
5. Tadpole- \_\_\_\_\_
6. Birds - \_\_\_\_\_

**Q6 Match the columns-**

- |                |           |
|----------------|-----------|
| 1. Fish        | Spiracles |
| 2. Grasshopper | gills     |
| 3. Earthworm   | lungs     |
| 4. Tortoise    | Skin      |

**Q7 Give one word:**

- a) Terrestrial animals breathe with these : \_\_\_\_\_
- b) Animals that spend a lot of time on trees: \_\_\_\_\_
- c) Aquatic animals breathe with these: \_\_\_\_\_
- d) An animal that has hollow bones: \_\_\_\_\_
- e) A mammal that lay eggs \_\_\_\_\_

**Q8 Write T for true and F for false statement:**

1. Unpaired fins are used by a fish to move forward in water.
2. All insects have wings.
3. A bat is a mammal.
4. A grasshopper uses its hind pair of long legs for hopping.
5. Snakes have limbs which help in movements.
6. Birds use their tails as rudders.
7. Owls have long sticky tongues to capture insects.
8. The two limbs in the front of mammals are called hind limbs.
9. Ostriches and penguins do not fly.
10. The toes of ducks are webbed.

Q9. What special features help water animals to swim?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q10. What helps grasshopper to hop?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q11. How are the wings of insects different from those of birds?

Ans. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Q12 Give an example of an animal which uses the following type of movements and mention their two adaptations.

1) Swimming- \_\_\_\_\_

Adaptations- \_\_\_\_\_  
\_\_\_\_\_

2) Flying - \_\_\_\_\_

Adaptations- \_\_\_\_\_  
\_\_\_\_\_



# Assignment No- 4

## LESSON – 4 Skeletal and Nervous System

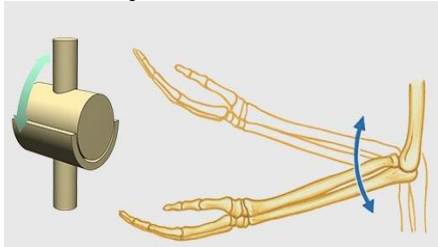
### Q1 Complete the table

Muscle/Joint	Location	Movement
1. Hinge joint	_____	_____
2. _____ Joint	Ankle, Wrist	_____
3. _____ Joint	_____	Maximum Movement
4. Cardiac Muscle	_____	_____

### Q2 Fill in the blanks

- (1) Floating ribs are not joined to the \_\_\_\_\_
- (2) The spinal cord is made of \_\_\_\_\_ vertebrae
- (3) \_\_\_\_\_ are made inside the bones.
- (4) These are \_\_\_\_\_ bones in skull which form the face
- (5) Joints of the fingers, elbows, knees are \_\_\_\_\_

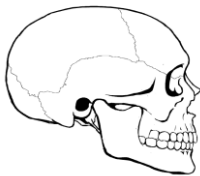
### Q3 Identify and write a few lines.



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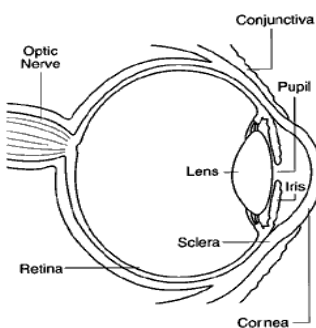
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**Q4.**

Unscramble the words given in the bracket to fill in the blanks. Find out these words in the given word search.

1. It is a circular, transparent region present in front portion of eye ..... (raceno).
2. It is the control centre of the human body ..... (abinr).
3. It helps us to hear sound and enables us to keep our balance ..... (resa).
4. It lies below the cerebrum and controls the movement of muscles ..... (cbmelurlee).
5. It enables us to speak and feel rough ..... (gtouen.)

D	E	S	M	A	X	Y	R	B	N
A	C	N	T	O	N	G	U	E	G
D	E	T	E	O	O	E	I	C	A
W	R	R	S	T	O	M	N	O	C
P	E	L	E	N	L	S	Y	R	U
M	B	E	A	R	S	R	F	N	R
G	E	C	D	T	L	C	A	E	T
I	L	C	L	S	U	E	S	A	N
C	L	E	A	F	N	N	A	K	A
Y	U	C	I	O	G	C	L	I	S
U	M	O	A	A	I	N	F	L	G
G	B	M	N	R	S	E	I	K	A
O	O	B	R	A	I	N	S	M	R

**Q5. Correct the statement**

- (1) The joint of the skull are movable

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- (2) There are 602 bones in our body

---

- (3) All muscles in our body work under our will.

---

- (4) The hip joint is a hinge joint

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**Q6. Give reason-**

1. Why only the lower jaw is movable?

---

2. Why the last two pairs of the ribs are called floating ribs?

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3. Why can our elbows not bend backwards?

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4. Why can't an earthworm stand up erect like us?

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Q7. How can we photograph a bone? What is the use of such photograph?

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Q8.

**Solve the crossword puzzle.**

**Across**

- It is the bone in the upper arm.
- These help in the movement of our body parts.
- It produces red blood cells and white blood cells.
- This is made of 12 pairs of ribs.

**Down**

- It is the longest bone in our body.
- It protects our brain.
- It is the small bone of backbone.
- It is the strong tissue that bind bones at joint.

**Q9 Name an activity.**

(a) that makes our heartbeat faster.

Ans. \_\_\_\_\_

(b) that makes the lower jaw movable.

Ans. \_\_\_\_\_

(c) that shows reflex action.

Ans. \_\_\_\_\_

(d) that shows involvement of voluntary muscles.

Ans. \_\_\_\_\_