



I. Read the following questions and circle the correct answer.

- Which among the following organisms has a strong sense of vision?
a) dog b) eagle c) whale d) snake
- Which of the following is TRUE about polar bears?
a) They can see their prey on the ice, 20 kilometers away.
b) They can hear the sound of their prey on the ice, 20 kilometers away.
c) They can smell their prey on the ice, 20 kilometers away.
d) They can feel their prey on the ice, 20 kilometers away.
- In which of the following snakes, we can find heat sensory receptors?
a) Mamba b) Krait c) Cobra d) Python
- Which of the following is NOT an adaptation of owls?
a) Large eyes b) Strong sense of smell
c) Fluffy feathers d) Large sensitive ear openings.
- Which among the following animals sleep in the open?
a) zebra b) rabbit c) snake d) owl
- Name the technique by which bats locate their prey at night.
a) camouflage b) migration c) echolocation d) hibernation

II. Match the following animals with their adaptations by choosing the correct option.

	Animal		Adaptations
i.	vulture	a)	strong sense of hearing
ii.	housefly	b)	sleep for a short time to get time for eat and digest food.
iii.	owl	c)	good sense of smell
iv.	horse	d)	compound eyes to see fast movements.

- i) b, ii) c iii) d iv) a
- i) c ii) d iii) a iv) b
- i) c ii) a iii) b iv) d
- i) a ii) d iii) a iv) b

III. State whether the given statements are True or False.

1.	Hippos and seals sleep under water.	
2.	Ants use their antennae to taste the food.	
3.	Sharks have an excellent sense of smell.	
4.	Dolphins use echolocation to locate their food.	

IV. Given below are the statements - one labelled Assertion (A) the other labelled Reason (R). Select the correct answer to these questions from the codes a), b), c) and d) as given below.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

		Statement	Answer
1.	Assertion	Ants can follow a food source even if they can't see it.	
	Reason	Ants use their antennae to detect chemical trails left by other ants to reach the food.	
2.	Assertion	Owls can hunt effectively at night even in complete silence.	
	Reason	Owls are nocturnal animals who are active at night.	
3.	Assertion	Bears rely heavily on their sense of taste to find berries and other plants.	
	Reason	Bears' sense of smell is far more powerful than their sense of taste.	
4.	Assertion	A hawk has a keen sense of sight that allows it to spot a mouse from high in the air.	
	Reason	Hawks are nocturnal animals.	

V. Observe the diagram given below and answer the following questions.



1. Why is the snake flicking its tongue?

2. What sense is the snake using with its tongue and how does this help it find food?
