UNBOX SCIENCE

Class 1 Chapter 3

PART 3 - STUDENT WORKSHEET

Name: khizar zuberi **Date:** _____

SECTION A (Q1 - Q10) (MULTIPLE CHOICE QUESTIONS)

CHOOSE THE CORRECT OPTION:

1. Why do animals need a safe home or shelter?
   - (A) To change their body scales
   - (B) To make new seeds and grains
   - (C) To learn how to fly in the sky
   - (D) To protect from heat, rain, and enemies

2. What do we call a bird's home woven out of twigs, grass, and leaves?
   - (A) Nest
   - (B) Stable
   - (C) Shed
   - (D) Burrow

3. Which team of builders shapes tiny hexagonal wax chambers to store honey?
   - (A) Honey bees
   - (B) Rabbits
   - (C) Snakes
   - (D) Birds

4. What cozy home does a rabbit or hare dig deep into the earth?
   - (A) Burrow
   - (B) Kennel
   - (C) Hive
   - (D) Nest

5. Where do snakes and rats find safety in the ground?
   - (A) High nests
   - (B) Hexagonal hives
   - (C) Red sheds
   - (D) Dark holes

6. **Where does a wild lion or tiger rest and guard its cubs?**

- (A) Twig nest
- (B) Grassy meadow
- (C) Rocky den
- (D) Wooden stable

7. **What is the name of the human-built shelter where horses live?**

- (A) Nest
- (B) Stable
- (C) Hive
- (D) Den

8. **What cozy, open-sided shelter with a strong roof do we build for cows?**

- (A) Kennel
- (B) Hive
- (C) Shed
- (D) Burrow

9. **Where does a pet dog live to have its own safe backyard space?**

- (A) Stable
- (B) Nest
- (C) Den
- (D) Kennel

10. **Assertion (A): Domestic cows live in wooden sheds built by humans.**
Reason (R): Cows are domestic animals that cannot build their own protective roofs to shield themselves from rain.

- (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.

SECTION B (Q11 - Q13) (IMAGE-BASED GUIDED PRACTICE QUESTIONS)

Q11. Look at the image showing a nest. State what this shelter is called, what natural materials are used to build it, and explain why it is built high in tree branches.



SHOW YOUR WORK

this shelter called nest. it used twigs, dry grass, leaves, feather and mud to build their nest. birds build their nest on high branches to keep their egg and babies safe from dangers.

Q12. Look at the cow shed. Describe what this farmyard shelter is, who built it, and explain how the sloped roof protects the cow from heavy rain.



SHOW YOUR WORK

A farmer builds a cow shed to protect cows its sloping roof lets rainwater flow down and keeps the cows dry.

Q13. Look at the rabbit burrow cross-section. State what this underground shelter is called, what natural tools rabbits use to dig it, and explain how it protects them from cold weather.



SHOW YOUR WORK

It called a barrow, Rabbit use their strong front paws, sharp claws and teeth to digs the burrow. the burrow keeps rabbit warm because it is underground.

SECTION C (Q14) (SORTING & CATEGORIZATION)

Q14. Categorize the following items into their respective boxes: (Nest, Hive, Burrow, Stable, Shed, Kennel)

Natural Wild Shelters	Human-Built Shelters
Nest Burrow Hive	Stable Shed

SECTION D (Q15 - Q18) (TRUE OR FALSE WITH JUSTIFICATION)

Q15. A wild lion uses hammers and concrete to build its own rocky den cave. True / False

Why?

False Because it is natural

Q16. Underwater fish find shelter under logs and rocks to hide from hungry eagles. True / False

Why?

Ture fish hide under the logs and rocks to stay safe.

Q17. An underground rabbit burrow stays cool on hot summer days. True / False

Why?

Ture burrow stay cool because they are underground away from heat of the sun

Q18. Domestic horses dig deep underground holes in the jungle to live in. True / False

Why?

False they live in stable or shed not underground

SECTION E (Q19 - Q22) (MATCH THE FOLLOWING)

Column A	Column B
Q19. Nest	Buzzing city of wax cells built by honey bees
Q20. Hive	ocky cave shelter where wild lions rest
Q21. Burrow	ound twiggy shelter built in trees by birds
Q22. De	nderground tunnels dug in dirt by rabbits

SECTION F (Q23 - Q25) (GIVE REASONS)

Q23.Why do birds weave nests high in tree branches instead of on the wet ground?

EXPLAIN THE REASON

birds build their nests high in tree to keep their eggs and babies safe from animals and rain.

Q24.Why do sloped barn roofs help protect animals during heavy rainstorms?

EXPLAIN THE REASON

sloping roofs helps rainwater flow down easily and keep the animals dry and safe.

Q25.Why must wild animals and domestic animals be housed in separate zones?

EXPLAIN THE REASON

Wild and Domestic animals should be kept in separate place to keep them safe and prevent them from hurting each other.

SECTION G (Q26 - Q27) (CASE STUDY & APPLICATION)

Ranger Lily is inspecting the sanctuary blueprint during a heavy thunderstorm. She checks on a rabbit in a deep dirt burrow, a family of birds in a twiggy nest high in an oak tree, and a horse inside a wooden barn with a sloped roof.

Q26.Identify which animals are in natural wild shelters and which are in human-built shelters.

ANSWER THE QUESTION

Rabbit lives in dirt burrow
Birds live in a twig on a tree.
Horse lives in a wooden barn built by humans

Q27.Explain how each of these three shelters protects the animal from the thunderstorm.

ANSWER THE QUESTION

Rabbit' s burrow it keeps the rabbit safe warm and dry.
birds nest it protect the birds and their babies from rain and wind
Horse barns it keep the horse safe and dry from heavy rain and strong winds,

SECTION H (Q28 - Q29) (LONG ANSWER QUESTIONS)

Q28.Describe the different shelters built by animals themselves in the wild. Detail the nest, the hive, and the burrow, including who lives in them, what materials they use, and how they construct them.

SHOW YOUR COMPLETE SOLUTION & EXPLANATION

NEST : Birds lives in it Material Used :twigs dry grass leaves bird collect these material and arrange them to make a safe nest on tree.

HIVE: Honey bees Material used Wax bees make small hexagon shaped cells using wax to build a hive.

BURROW Rabbit dig holes in the ground using their strong paws and sharp teeth

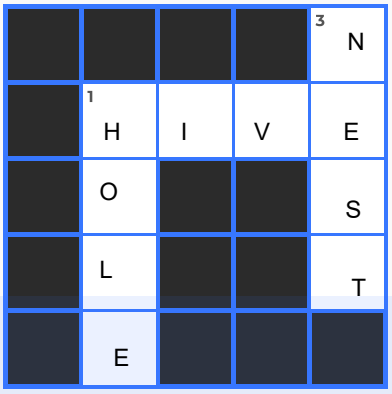
Q29.Compare domestic shelters built by humans. Detail the stable, the shed, and the kennel, explaining which animals live in them, why they need humans to build them, and what features they have.

SHOW YOUR COMPLETE SOLUTION & EXPLANATION

STABLE
HORSE lives in stables human build stables to keep horses safe and comfortable Features :It has walls a roof and space for horses to rest
SHED:
cOWS lives in a sheds human build shed to protect from heat and cold Features:It has a roof walls and sloping roof to let rainwater flow down.
KENNEL
DOGS lives in kennels human builds kennels to gives dogs safe and place to rest Features:it has small space a roof and an opening for dogs to enter.

SECTION I (Q30) (CROSSWORD PUZZLE)

Q30. Solve the crossword puzzle by reading the clues below:



ACROSS (HORIZONTAL ➡️)

- 1. Honey bees build this hexagonal wax shelter by themselves (4 letters)

DOWN (VERTICAL ⬇️)

- 2. Snakes and rats live inside this dark ground shelter (4 letters)
- 3. A bird weaves twigs and leaves to make this high home (4 letters)