



**GOOD MORNING
SHER/SHERNIYO !**

13TH APRIL

2 DINO MEIN MAHINA AADHA NIKAL JAYEGA !!

AAJ KA DIN PRODUCTIVE BNA LEIN ?

VERY IMPORTANT TO WORK HARD ON YOUR DREAMS

- MILTY HAIN 2PM AMBITION BATCH
- 6:30PM ANALYSIS MEIN

How Does a Camel Survive Without Water in the Desert?

The secret survival tricks of the desert's toughest animal

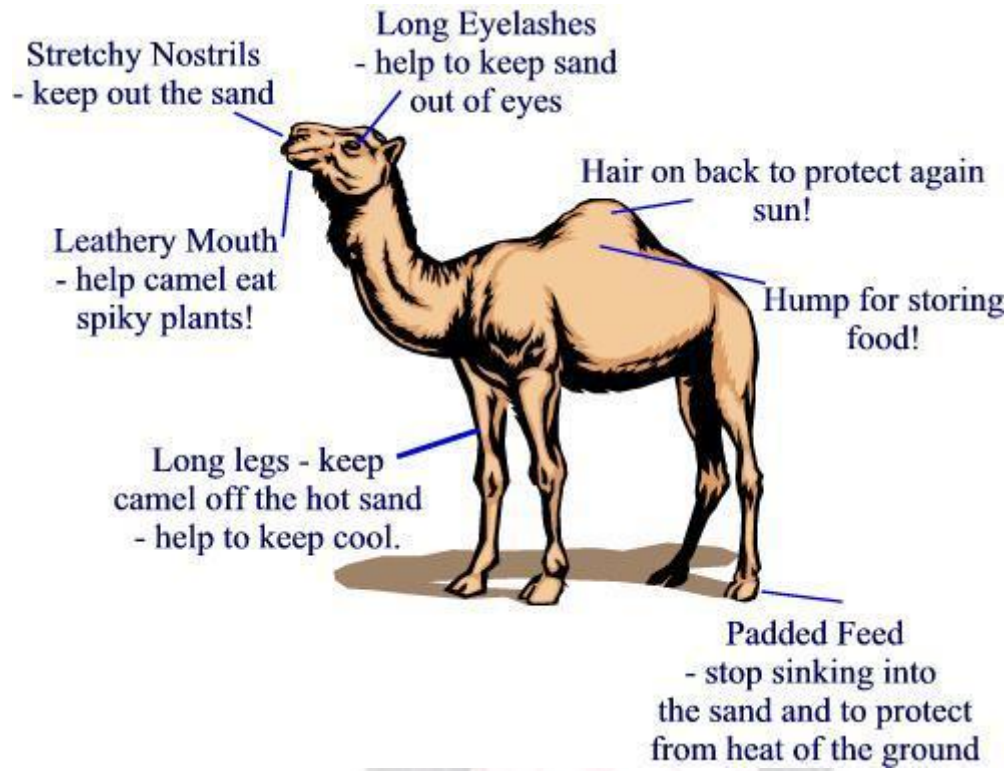
Fat Storage
Fat → + Water

Low Sweat
Low Sweat, Concentrated Urine, Dry Poop

Oval Red Blood Cells
Drinks up to 100 Liters

Temperature Gauge
Day Hot, Night Cool

Ship of the Desert



THE HUMPH

The afternoon sun over the desert was very harsh, and Aarav felt tired as he walked slowly behind the camel, wiping sweat from his face again and again. The sand stretched endlessly around him, and there was no shade anywhere, making every step feel heavier than the last. He had only seen camels in books before, so now, watching one walk so calmly in such heat made him curious. His eyes kept going back to the large hump on its back, something he had always believed was filled with water. Since childhood, he had been told that camels store water in their humps to survive the desert, and he had never questioned it. But as he walked, the hump didn't look like it was holding water; it moved slightly, but not like a water-filled bag would. It looked firm, almost solid, and that confused him. He wondered if everything he had learned

was actually true. Just then, Bashir, the old guide walking ahead, looked back at him and smiled faintly, as if he knew exactly what Aarav was thinking. “You think that hump stores water, don’t you?” Bashir said calmly, and Aarav nodded without hesitation, still catching his breath. Bashir gave a soft laugh, not mocking but patient, like someone about to explain an old truth. “No, boy,” he said gently, “that hump is not filled with water at all,” and those words stayed in the air for a moment, surprising Aarav more than the heat itself, as though a belief he had carried for years had just quietly broken apart, leaving him curious, confused, and strangely eager to understand the truth behind the silent strength of the animal walking before him, and Bashir, seeing that spark of curiosity, slowed down, letting the camel kneel in the sand, its long legs

folding carefully beneath its body, and he gestured toward the hump, explaining that what it held was not water but fat—dense, stored energy that the camel's body could use when food was not available, and Aarav frowned at first, trying to connect this idea with the survival of the camel in such extreme conditions, and Bashir continued, his voice steady and thoughtful, explaining that when the camel does not get enough food, its body begins to break down this fat through a process called metabolism, which not only gives the animal energy but also produces a small amount of water inside its body, something known as metabolic water, and Aarav's confusion slowly began to turn into fascination as he imagined this invisible process happening within the camel, where stored fat was being converted into both fuel and water,

allowing it to survive long journeys without drinking for days, and Bashir added that if camels actually stored water in their humps, it would make them extremely heavy and unstable, slowing them down and making it harder to survive in the desert, and Aarav nodded slowly, realizing that the truth was not only different from what he had believed, but also far more intelligent and efficient, and as they continued their journey, he noticed how the hump stood tall and firm, and Bashir explained that a healthy, well-fed camel has a full hump, but when it uses up its fat reserves, the hump begins to shrink and sometimes even droop to one side, showing how much the animal has endured, and Aarav felt a quiet respect growing within him, as though the hump was not just a body part but a sign of resilience, a silent story of survival

written on the back of the camel, and as the desert wind finally began to move, carrying a faint sense of relief, Aarav realized that what he had learned was not just a scientific fact, but a deeper lesson about adaptation, about how life finds ways to survive even in the harshest conditions, not by carrying everything it needs, but by using what it has in the smartest possible way.

WORD LIST (Exam Level + Simple Meanings + Hindi):

1. Harsh – very strong/unpleasant – कठोर
2. Endless – without limit – अंतहीन
3. Curious – eager to know – जिज्ञासु
4. Belief – accepted idea – विश्वास
5. Firm – solid/strong – ठोस
6. Confused – not clear – उलझन में
7. Gesture – hand movement – इशारा
8. Dense – thick/heavy – घना

9. Energy – power to work – ऊर्जा
10. Metabolism – body process –
उपापचय
11. Convert – change form – बदलना
12. Efficient – working well – कुशल
13. Reserve – stored supply – भंडार
14. Endure – suffer patiently – सहन
करना
15. Resilience – ability to recover –
लचीलापन
16. Adaptation – adjustment to survive –
अनुकूलन
17. Stable – balanced/steady – स्थिर
18. Survival – staying alive – जीवित रहना
19. Process – series of steps – प्रक्रिया
20. Fascination – strong interest –
आकर्षण