

16 Desert Life

29/6/21



A. Tick (✓) the correct answer.

- Deserts cover about one-fifth of the Earth's land surface. (True ☒ False ☐)
- Which is the largest sand desert in the world? (Atacama ☐ / Sahara ☒)
- Which is the driest desert in the world? (Thar ☐ / Atacama ☒)
- Deserts are classified into two categories: Hot and cold. (True ☒ False ☐)
- Painted desert in USA is known for its colourful landscape. (True ☒ False ☐)

B. Fill in the blanks.

- Which animal is called the 'Ship of the desert?'
- What are the mounds of loose sand created in a desert by wind called?
- Which is the coldest desert in the world- Antarctica or Gobi?
- Which oil rich Arabian country contains most of the Arabian Desert within itself?
- In which continent will you find these deserts?

CAMEL

SAND DUNES
ANTARCTICA

SAUDI ARABIA

a Sahara Desert

b Atacama Desert

c Thar Desert

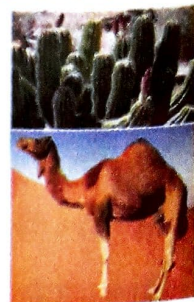
AFRICA

SOUTH AMERICA

ASIA

KNOW TO GROW

- A desert is a region that receives an extremely low amount of rainfall, which is not enough to support the growth of most plants.
- Cacti are the most famous of all desert plants. One can find animals like lizards, large spiders, centipedes, scorpions and camels in the deserts.
- Since there is less water, most desert animals get their water from the food they eat.



Mixed Bag-I

22/6/21

Choose the correct answer and fill in the blanks.

1. What is the outer-most layer of Earth called? CRUST (Mantle or Crust)
2. Scandinavia is made up of 4 European countries: Sweden, Finland, Norway and DENMARK (Denmark or France)
3. Which was the first animal to go into space and orbit the Earth?
LAIKA (Dog) (Laika (Dog), Milly (Cow))
4. How many bones does an adult have in his body? 206 (365 or 206)
5. Name the element used in the thermometer to measure the temperature.
MERCURY (Iron or Mercury)
6. A rectangle can be divided into two triangles. YES (Yes or No)
7. You serve yourself at a buffet meal. YES (Yes or No)
8. All apples are red in colour. No (Yes or No)
9. Five minutes are equal to 300 seconds. (260 or 300)
10. Whose picture is there on the new ₹ 2000 note?
MAHATMA GANDHI (Narendra Modi or Mahatma Gandhi)
11. Which of these birds does not fly? EMU (Emu or Cuckoo)
12. Shovna Narayan is a reputed personality in which field?
KATHAK (Kathak or Kuchipudi)

KNOW TO GROW

Mahatma Gandhi was imprisoned in Johannesburg in 1907. Because he was not a white prisoner, he had to wear a cap. This type of cap later came to be known as the 'Gandhi cap,' and became a great symbol of the Indian freedom struggle.



22/6/21



EGG THAT FLOATS ON WATER

AIM: To make an egg float on water.

Materials Required: A fresh egg, tap water, salt, and a tall glass tumbler.

Procedure:

1. Pour water into the glass until it is about four-fifths (80%) full.
2. Gently place the egg into the glass. Notice that the egg sinks and settles at the bottom of the glass. Take out the egg from the glass carefully.
3. Now add a lot of salt in the glass (about 6 tablespoons) and stir to dissolve it in water.
4. Gently put the egg into water and see what happens. Notice that this time the egg does not sink. It floats on water near the brim.



Why did it happen?

Salt water is denser than ordinary tap water. The denser the liquid the easier it is for an object to float in it. When we put the egg into the salt water, egg does not sink. It starts floating near the top of the glass.

Think and Answer

Why people don't get drowned in the Dead sea?



22/6/21

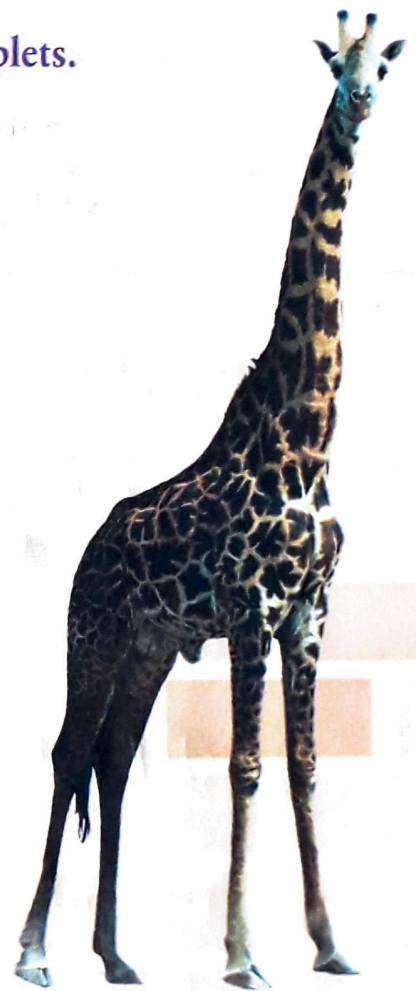
Logical And Analytical Reasoning

A. Add the missing word to complete the following triplets.

1. Past, Present and FUTURE.
2. Healthy, wealthy and WISE.
3. Left, Right and CENTRE.
4. Mind, Body and SOUL.
5. Here, there and EVERYWHERE.

B. How many? Tick (✓) the correct answer:

1. How many tentacles does an octopus have?
(i) 8 ☒ (ii) 10 ☐
2. What is the square of 11?
(i) 121 ☒ (ii) 111 ☐
3. A woman has given birth to triplets. How many children does she have?
(i) 5 ☐ (ii) 3 ☒



C. Insert the missing letter and number in the following series.

A
1

3
C

E
5

7
G

I
9

D. Insert a word in the bracket so that it completes the first word and begins the second.

1. Nov (I C E) berg
2. Imp (A C T) ion
3. Bl (I N K) less
4. Wo (M A N) go

E. Find the odd one out.

1. Whale, (Mail), Dolphin, Shark, Turtle
2. Tomato, Cabbage, Cauliflower, (Rope), Banana



Tell me WHY?

1. Why is milk white in colour?

Colour of a substance is the colour of the light reflected by it. Milk is white because it reflects the sunlight (which is white in colour) entirely, without absorbing any particular colour. Milk fats in milk and some type of calcium rich proteins called **casein** help to reflect the white sunlight.



3. Why do camels have a hump?

The hump on a camel's back is a storehouse of fat. The camel uses this fat as a source of energy during its long journeys in the desert when it gets nothing much to eat. When a camel uses the fat inside the hump, the hump becomes limp and droops down. With proper food and rest it returns to normal again.



2. Why do flies rub their limbs together?

Flies rub their legs together to clean them. In fact flies don't just clean their legs but the whole body. They run their legs over their body, head and even wings. The particles of dirt and germs picked up by their legs as they clean, fall off when they rub their legs together.



4. Why do birds have feathers?

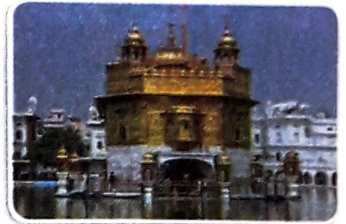
Birds are the only animals to have feathers. Feathers are helpful for the birds in many ways. The wing and tail feathers of a bird help it to fly. Feathers cover its body and help it keep warm. In many cases feathers of a bird are water-proof, which helps them stay warm and dry during the rainy season.



22/6/21

Test Paper-I

1. Recognise this picture and write its name.
GOLDEN TEMPLE (Sun temple / Golden temple)



2. Which city of Karnataka is famous for its IT industry?
BENGALURU

3. Give nicknames (sobriquets) of the following:
a. Florence Nightingale THE LADY WITH THE LAMP
b. Norway LAND OF THE MIDNIGHT SUN



4. Name the countries where these natural wonders are situated:

- a. Mount Everest NEPAL
b. Grand Canyon USA



5. Which country is known as the 'Gift of Nile'?
EGYPT



6. Circle the group to which a 'bat' belongs.
Birds Worms Mammals Reptiles

7. How many legs and wings does a butterfly have?

SIX LEGS FOUR WINGS

8. Write the names of any two flightless birds.

OSTRICH and EMU



9. Which part of the plant is called its kitchen?

LEAVES

10. Recognise the flag and name the country to which it belongs.

USA





17 Body At Work

Unit-3: Science and Technology

Fill in the blanks using words given in the help box.

1. The job of our respiratory system is to supply oxygen to the blood and remove waste gases from it.
2. Our nervous system controls all the functions of our body.
3. Our circulatory system circulates the blood throughout our body.
4. Veins, arteries and capillaries are three kinds of blood vessels that our body has.
5. Our skeletal system gives a definite shape to our body.
6. Our muscular system along with the skeletal system allows our body to move.
7. The kidneys form a part of the urinary system of our body.
8. Stomach, large intestine and small intestine form a part of our digestive system.
9. Our heart is the main organ of our circulatory system.
10. The liver is the largest internal organ in our body.



Skeletal System



Muscular System



Let Me Help You

arteries, muscular, heart, urinary, liver, digestive, nervous, respiratory, skeletal, circulatory



KNOW TO GROW

- Single biggest muscle of our muscular system lies in our buttocks.
- Thigh bone is the longest bone in our skeletal system.