

C - 18

VIKRAM
Real Life

Class 5 - Science
Syllabus :
Text Book
Lessons : 1, 2
Page No's : 5 - 22

FORMATIVE ASSESSMENT - I

Class - 5 :: Vikram Real Life Science

25

Time : 1 Hour

Max.Marks: 25

Name :

Section :

Roll No.

I. Answer the following questions.

[5 x 2 = 10]

1. What is respiration ?

2. What is germination ?

3. What are the conditions required for seed germination ?

4. What is vegetative propagation ?

5. Which process releases energy in the body ?

II. Fill in the blanks.

[4 x 1 = 4]

1. Seeds need _____, air and sunlight to germinate.
2. The seed of tiger nail are dispersed by _____
3. Frogs breathe through _____ while on land.
4. The stimulus in the case of Magnolia is _____

III. Choose the correct answer and write the letter of the correct answer in the box.

[4 x 1 = 4]

1. Animals and human beings give out

- A) oxygen B) carbon dioxide C) nitrogen

2. Most plants grow from

- A) stems B) leaves C) seeds

3. A fish breathes through its

- A) lungs B) gills C) holes

4. The embryo is hidden in the

- A) seed B) leaf C) stem

IV. Write True or False for the following.

[3 x 1 = 3]

1. The plant bends towards light.
2. Stimuli are of only one type.
3. Some living things respond to stimuli.

V. Match the following.

[4 x 1 = 4]

- | | | |
|---------------------|----------------------|-------------------------|
| 1. Plants | <input type="text"/> | a) dispersal by animals |
| 2. Wiggler | <input type="text"/> | b) dispersal by wind |
| 3. Tiger nail seeds | <input type="text"/> | c) stomata |
| 4. Dandelion | <input type="text"/> | d) air-tubes |



FORMATIVE ASSESSMENT - II**Class - 5 :: Vikram Real Life Science****25****Time : 1 Hour****Max.Marks: 25****Name :****Section :****Roll No.****I. Answer the following questions.****[5 x 2 = 10]**

1. What is tadpole ?

2. How is the yolk of an egg useful to the young one growing in it ?

3. Give an account of reproduction in butterfly.

4. What is reproduction ?

5. What is parental care ?

II. Fill in the blanks.

[4 x 1 = 4]

1. The pupa of a housefly is covered in a case called _____
2. The larva of a frog is known as _____
3. Egg-laying animals are called _____
4. The eggs of lizards and snakes get their _____ from the Sun.

III. Choose the correct answer and write the letter of the correct answer in the box.

[4 x 1 = 4]

1. The mammal that lays eggs

- A) Hen B) Parrot C) Platypus

2. Mammals are called

- A) Viviparous B) Animals C) Oviparous

3. The larva of the butterfly is called

- A) Creature B) Caterpillar C) Pupa

4. Parental care is seen in

- A) Insects B) Birds C) Reptiles

IV. Write True or False for the following.

[3 x 1 = 3]

1. The camel is called "The Ship of the Sea".
2. Drosera is an insectivorous plant.
3. Avicennia is a desert plant.

V. Match the following.

[4 x 1 = 4]

- | | | |
|----------------|----------------------|---------------|
| 1. Caterpillar | <input type="text"/> | a) mammals |
| 2. Tadpole | <input type="text"/> | b) egg-laying |
| 3. Viviparous | <input type="text"/> | c) butterfly |
| 4. Oviparous | <input type="text"/> | d) frog |



C - 18

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Class 5 - Science
Syllabus :
Text Book
Lessons : 5, 6
Page No's : 43 - 63

FORMATIVE ASSESSMENT - III

Class - 5 :: Vikram Real Life Science

25

Time : 1 Hour

Max.Marks: 25

Name :

Section :

Roll No.

I. Answer the following questions.

[5 x 2 = 10]

1. What is the simplest way to avoid deficiency diseases ?

2. What causes goitre ? How is it cured ?

3. Write a short note about hinge joint.

4. What are deficiency diseases ?

5. What are involuntary muscles ?

II. Fill in the blanks.

[4 x 1 = 4]

1. Roughage is the undigestible _____ of the diet.
2. The backbone protects _____
3. Two bones meet at a _____
4. _____ is caused due to the deficiency of vitamin 'A'.

III. Choose the correct answer and write the letter of the correct answer in the box.

[4 x 1 = 4]

1. Malaria is spread by

- A) mouse B) fly C) mosquito

2. Vitamin 'B' deficiency leads to

- A) night blindness B) beri-beri C) anaemia

3. Vitamin 'C' deficiency leads to

- A) beri-beri B) scurvy C) rickets

4. The number of bones in the skull are

- A) 22 B) 24 C) 26

IV. Write True or False for the following.

[3 x 1 = 3]

1. Cracks at the mouth corners are caused due to lack of vitamin 'A'.
2. Potatoes contain carbohydrates.
3. Human body works like a machine.

V. Match the following.

[4 x 1 = 4]

1. Vitamin 'C'

a) skull and backbone

2. Iron

b) by air

3. Pivot joint

c) anaemia

4. Diarrhoea

d) scurvy



II. Fill in the blanks.

[4 x 1 = 4]

1. _____ have their own light.
2. The Sun is about _____ km in diameter.
3. A see-saw is an example of _____
4. An axe is an example of _____

III. Choose the correct answer and write the letter of the correct answer in the box.

[4 x 1 = 4]

1. The rock burns

- A) slate B) coal C) shale

2. Car steering is an example of

- A) wedge B) screw C) wheel and axle

3. This mineral is used in making pencils.

- A) graphite B) granite C) gneiss

4. Meteoroids are

- A) heavenly bodies B) satellites C) small pieces of rocks

IV. Write True or False for the following.

[3 x 1 = 3]

1. Earth has no satellite.
2. Minerals are vegetables.
3. A screw is an inclined plane.

V. Match the following.

[4 x 1 = 4]

- | | | |
|---------------------|----------------------|-------------------------------|
| 1. See-saw | <input type="text"/> | a) second class lever |
| 2. A simple machine | <input type="text"/> | b) first class lever |
| 3. Nut-cracker | <input type="text"/> | c) group of stars |
| 4. Constellation | <input type="text"/> | d) makes work easy and simple |



SUMMATIVE ASSESSMENT - I**Class - 5 :: Vikram Real Life Science****50****Time : 2½ Hours****Max.Marks: 50****Name :****Section :****Roll No.****I. Answer the following questions.****[5 x 2 = 10]**

1. Mention any four kinds of stimuli.
2. How is the yolk of an egg useful to the young one growing in it ?
3. What happens when you breathe out air into limewater ? Why ?
4. What is reproduction ?
5. What is vegetative propagation ?

II. Draw the diagram of life cycle of a Butterfly.**[10]****III. Choose the correct answer and write its letter in the bracket.****[5 x 1 = 5]**

1. The coconut seeds get dispersed by

A) wind

B) animals

C) water

2. Which one of the following is an aquatic plant ?

A) hydrilla

B) avicennia

C) deodar

3. The flowers blooming during the night are generally

A) white

B) dark coloured

C) odourless

4. Parental care is seen in

A) insects

B) birds

C) reptiles

5. Animals and human beings give out

A) oxygen

B) carbon dioxide

C) nitrogen

IV. Fill in the blanks.**[5 x 1 = 5]**

1. The seeds of tiger nail are dispersed by _____
2. The body of a fish is _____ in shape.
3. Each stamen consists of an _____ on the top.
4. The animal which can live both on land and in water is called _____
5. _____ is the male organ of a flower.

V. Answer the following questions in one or two words.

[10 × 1 = 10]

1. Give two examples of aquatic plants.

Ans.

2. Write two amphibians.

Ans.

3. How many types of pollinations are there ?

Ans.

4. Write two parts of a flower.

Ans.

5. Name the male reproductive organ of a plant.

Ans.

6. Name the stimulus in the case of touch - me - not plant.

Ans.

7. Write two flowers which bloom at night.

Ans.

8. What are the respiratory organs of a cockroach ?

Ans.

9. Write two examples of reptiles.

Ans.

10. What is the larva of a butterfly called ?

Ans.

VI. Write "True" or "False".

[5 x 1 = 5]

1. Stimuli are of only one type.

()

2. Avicennia is a desert plant.

()

3. Crocodiles and lizards are examples of insects.

()

4. Flower is the reproductive organ of a plant.

()

5. Cows breathe through their lungs.

()

V. Match the following.

[5 x 1 = 5]

Ⓐ

Ⓑ

1. Fish

()

a) dispersal of water

2. Coconut seeds

()

b) gills

3. Oviparous

()

c) egg laying

4. Camel

()

d) stomata

5. Plants

()

e) desert animal



SUMMATIVE ASSESSMENT - II**Class - 5 :: Vikram Real Life Science****50****Time : 2½ Hours****Max.Marks: 50****Name :****Section :****Roll No.****I. Answer the following questions.****[5 x 2 = 10]**

1. How are the heart and the lungs protected ?
2. Name four diseases that spread through bites of insects.
3. What are evergreen trees ? Give two examples.
4. Give an account of reproduction in butterfly.
5. What is meant by regeneration ?

II. Draw the diagram of flower and label its parts.**[10]****III. Choose the correct answer and write its letter in the bracket.****[5 x 1 = 5]**

1. Vitamin C deficiency leads to
 - A) beriberi
 - B) scurvy
 - C) rickets
2. The active component of air is
 - A) oxygen
 - B) carbon dioxide
 - C) nitrogen
3. The larva of the butterfly is called
 - A) creature
 - B) caterpillar
 - C) pupa
4. The taking in oxygen and giving out of carbon dioxide by living things is called
 - A) breathing
 - B) digestion
 - C) excretion
5. The number of bones in the skull are
 - A) 22
 - B) 24
 - C) 26

IV. Fill in the blanks.**[5 x 1 = 5]**

1. The bones in the skull form _____ joints.
2. _____ are extremely small germs.
3. The seeds of cotton plants are dispersed by _____
4. The pupa of a housefly is covered in a case called _____
5. Two bones meet at a _____

V. Answer the following questions in one or two words.

[10 × 1 = 10]

1. What is air ?

Ans.

2. What does the young one of a mosquito called ?

Ans.

3. Which animal is called "The Ship of the Desert" ?

Ans.

4. Name the male part of a flower.

Ans.

5. Name two bacteria caused diseases.

Ans.

6. How many kinds of movable joints ?

Ans.

7. Write two examples of insectivorous plants.

Ans.

8. Write two examples of reptiles.

Ans.

9. What is needed for burning things ?

Ans.

10. What causes scurvy ?

Ans.

VI. Write "True" or "False".

[5 x 1 = 5]

1. The elbow joint is called the gliding joint.

()

2. Potatoes contain carbohydrates.

()

3. Bacteria can be seen through microscope only.

()

4. Air exerts pressure in all directions.

()

5. Drosera is an insectivorous plant.

()

V. Match the following.

[5 x 1 = 5]

Ⓐ

Ⓑ

1. Pine ()

a) scurvy

2. Tibia ()

b) evergreen tree

3. Vitamin C ()

c) infected food and water

4. Plague ()

d) lower leg

5. Nitrogen ()

e) fertilizer



SUMMATIVE ASSESSMENT - III**Class - 5 :: Vikram Real Life Science****50****Time : 2½ Hours****Max.Marks: 50****Name :****Section :****Roll No.****I. Answer the following questions.****[5 x 2 = 10]**

1. What is the composition of comets ?
2. How can accidents be prevented ?
3. What is a balanced diet ?
4. What are the main components of air ?
5. How does air get polluted ?

II. Answer ONE of the following questions.**[1 x 10 = 10]**

1. Draw the diagram of life cycle of a housefly.
2. Draw the diagram of lunar eclipse.

III. Choose the correct answer and write its letter in the bracket.**[5 x 1 = 5]**

1. Which one of the following is an example of immovable joint ?

A) skull bones B) backbone C) ribs

2. B.C.G. vaccine is given to prevent

A) typhoid B) cholera C) tuberculosis

3. Chief ore of aluminium

A) bauxite B) haematite C) copper pyrite

4. The simple machine used to lift cars

A) screw B) lever C) screw-jack

5. Chernobyl tragedy took place in

A) America B) Germany C) Russia

IV. Fill in the blanks.**[5 x 1 = 5]**

1. The backbone protects _____
2. _____ air is harmful to health.
3. _____ have their own light.
4. Petrol is a _____ liquid.
5. Egg - laying animals are called _____

V. Answer the following questions in one or two words.

[10 × 1 = 10]

1. What is the largest nerve in the body ?

Ans.

2. Give two examples of carbohydrates.

Ans.

3. Which insect spreads malaria ?

Ans.

4. What is the ratio of oxygen and nitrogen present in the air ?

Ans.

5. Give two examples of minerals.

Ans.

6. Write the names of two planets.

Ans.

7. What is it called break in a bone ?

Ans.

8. Write any two renewable energy sources.

Ans.

9. Write one disease which is spread by air.

Ans.

10. What causes scurvy ?

Ans.

VI. Write "True" or "False".

[5 x 1 = 5]

1. Minerals are vegetables.

()

2. Earth has no satellite.

()

3. A wedge is used to split and cut wood.

()

4. First air is a permanent treatment.

()

5. Cholera is spread by bedbugs.

()

V. Match the following.

[5 x 1 = 5]

Ⓐ

Ⓑ

1. Diphtheria ()

a) anaemia

2. Iron ()

b) inclined plane

3. Neil Armstrong ()

c) oral rehydration solution

4. Screw ()

d) American astronaut

5. Nitrogen ()

e) by air



