

C-16
Learning Express
Exploring Science
Textbook

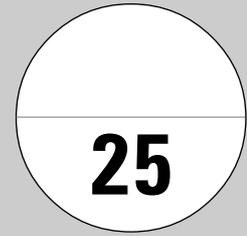
Syllabus:
(1,3 Lessons)
(Pg. No.s : 5 – 29)

FORMATIVE ASSESSMENT - I

Class - 5 : Learning Express
Exploring Science

Time : 1 Hour

Max. Marks : 25



Name :	Class :	Section :	Roll No.
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A. Short Answer Type Questions. (5 × 1 = 5)

1. What is a stamen ?
2. Why is seed dispersal important ?
3. Why do animals migrate ?
4. Define pollination.
5. How do insects breathe ?

B. Very Short Answer Type Questions. (5 × 1 = 5)

1. What is style ?
2. What is seedling ?
3. What are spiracles ?
4. What is irrigation ?
5. What is ovule ?

C. Fill in the blanks with suitable words given below. (5 × 1 = 5)

plants eating, gills, seed coat, Anther, sensitive

1. Plants are to light.
2. is the male part of a flower.
3. A seed is protected by a
4. Fish have to breathe.
5. Cows, sheep, goat and deer are animals.

D. Tick(✓) the right statements and cross (×) the wrong statements. (3 × 1 = 3)

1. Moths are night time pollinators.
2. Coconut is dispersed by air.
3. All birds can migrate twice a year.

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Note : Cut along the marking to avoid un-even cutting or torn

E. Tick(✓) the correct answers.

(2 × 1 = 2)

1. Plant eating animals are called

1) Omnivores

2) Carnivores

3) Herbivores

4) None of these

2. What is the other name for seed leaf ?

1) Cotyledons

2) Scar

3) Seed coat

4) Seedling

F. Match the following columns.

(5 × 1 = 5)

Column A

Column B

1. Animals like mice and rabbits

i) hooked beaks

2. Plant eating animals

ii) tracheae

3. Owls and hawks have

iii) floods, earthquakes, etc.

4. The spiracles lead into

iv) rodents

5. Natural calamities are

v) herbivores

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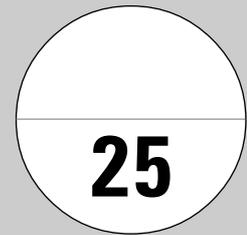
Syllabus:
(4, 5 Lessons)
(Pg. No.s : 30 – 44)

FORMATIVE ASSESSMENT - II

Class - 5 : Learning Express
Exploring Science

Time : 1 Hour

Max. Marks : 25



Name :	Class :	Section :	Roll No.
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A. Short Answer Type Questions. (5 × 1 = 5)

1. What are the three parts of the brain ?
2. Define joint. Explain different joints present in our body.
3. Discuss three types of muscle fibres.
4. How can we protect our eyes ?
5. What are the functions of skin ?

B. Very Short Answer Type Questions. (3 × 1 = 3)

1. What is reflex action ?
2. Define Tendon ?
3. What are different parts of the nervous system ?

C. Fill in the blanks with suitable words given below. (3 × 1 = 3)

pupil, cerebrum, medulla

1. is the biggest part of the brain.
2. controls our voluntary movements.
3. The black spot in the centre of eye is called

D. Tick (✓) the right statements and cross (×) the wrong statements. (3 × 1 = 3)

1. The hair is in our nose filter air.
2. The eyes are not the organs of sight.
3. Our body has 308 bones.

E. Unscramble the following words to make meaningful words. (5 × 1 = 5)

1. ULECMSS :
2. TINJO :
3. KSLUL :

Note : Cut along the marking to avoid un-even cutting or torn

4. LEKSNOET :

5. TALELESK :

F. Answer in one word each.

(3 × 1 = 3)

1. The coloured part of the eye :

2. A part of eye through which light enters the eye :

3. The part of the brain which coordinates all involuntary muscles :

E. Tick(✓) the correct answers.

(3 × 1 = 3)

1. Which are the components of the human brain ?

1) spinal cord

2) nerves

3) iris

4) cerebrum, cerebellum and medulla

2. The skull is made up of bones.

1) 5

2) 9

3) 8

4) 6

3. A soft fatty substance found in bones is called

1) ligament

2) bone marrow

3) tendon

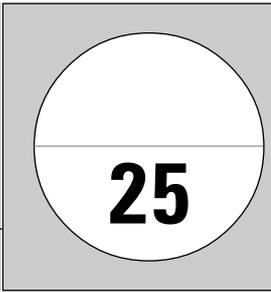
4) white blood cell

FORMATIVE ASSESSMENT - III

Class - 5 : Learning Express
Exploring Science

Time : 1 Hour

Max. Marks : 25



Name :	Class :	Section :	Roll No.
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A. Short Answer Type Questions.

(5 × 1 = 5)

1. Why are proteins important for us ?
2. Mention any three properties of air.
3. Explain sedimentation and decantation.
4. What is a mixture ? Name two types of mixture.
5. What is matter ? What are the three states of matter ?

B. Very Short Answer Type Questions.

(5 × 1 = 5)

1. What is immunity ?
2. Name two deficiency diseases.
3. Define water purification.
4. What are soluble impurities.
5. Define Element.

C. Tick(✓) the correct answers.

(3 × 1 = 3)

1. Matter is made up of tiny particles called

- | | | | |
|--------------|--------------------------|--------------|--------------------------|
| 1) atoms | <input type="checkbox"/> | 2) molecules | <input type="checkbox"/> |
| 3) electrons | <input type="checkbox"/> | 4) element | <input type="checkbox"/> |

2. How many types of water impurities are there ?

- | | | | |
|----------|--------------------------|---------|--------------------------|
| 1) Three | <input type="checkbox"/> | 2) Four | <input type="checkbox"/> |
| 3) Six | <input type="checkbox"/> | 4) Two | <input type="checkbox"/> |

3. Anaemia is caused by deficiency of

- | | | | |
|------------|--------------------------|--------------|--------------------------|
| 1) Calcium | <input type="checkbox"/> | 2) Iron | <input type="checkbox"/> |
| 3) Iodine | <input type="checkbox"/> | 4) Magnesium | <input type="checkbox"/> |

D. Unscramble the following words to make meaningful words.

(5 × 1 = 5)

1. TRIENTSNU :
2. ERGMS :

Note : Cut along the marking to avoid un-even cutting or torn

3. INATION VACC :
4. EASEDIS :
5. TAIVNIMS :

E. Fill in the blanks with suitable words given below. (2 × 1 = 2)

night blindness, oxygen

1. Deficiency of vitamin A causes
2. is needed for burning.

G. Match the following. (5 × 1 = 5)

A		B
1. Air pressure	[]	i) 78%
2. Stratosphere	[]	ii) last layer of atmosphere
3. Exosphere	[]	iii) purification of water
4. Chlorination	[]	iv) presence of ozone layer
5. Nitrogen	[]	v) drinking liquid through straw

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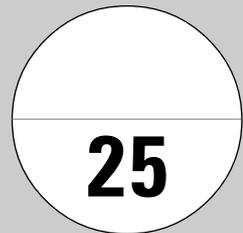
Syllabus:
(11,13 Lessons)
(Pg. No.s : 85 – 105)

FORMATIVE ASSESSMENT - IV

Class - 5 : Learning Express
Exploring Science

Time : 1 Hour

Max. Marks : 25



Name :	Class :	Section :	Roll No.
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A. Short Answer Type Questions.

(5 × 1 = 5)

1. What will you do as a first aid if you get burn ?
2. What are stars ?
3. What do you mean by satellite ?
4. Explain solar eclipse.
5. How can we see the moon in the sky ?

B. Very Short Answer Type Questions.

(5 × 1 = 5)

1. Define orbit.
2. What is lunar month ?
3. Do the planets have their own light ?
4. How is rabies caused ?
5. What is Burnol ?

C. Tick(✓) the right statements and cross (×) the wrong statements. (3 × 1 = 3)

1. In order to stop bleeding, use a bandage, called tourniquet.
2. Mercury is the largest planet.
3. A lunar month is about 27 days.

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

D. Unscramble the following words.

(3 × 1 = 3)

1. DENTSACCI :
2. TURESFRAC :
3. DIFITSRA :

E. Tick(✓) the correct answers.

(3 × 1 = 3)

1. Remember - at all times.

- | | | | |
|-------------------------------|--------------------------|---------------------------------|--------------------------|
| 1) Stay calm | <input type="checkbox"/> | 2) Think before you do anything | <input type="checkbox"/> |
| 3) look for an adult for help | <input type="checkbox"/> | 4) All of the above | <input type="checkbox"/> |

Note : Cut along the marking to avoid un-even cutting or torn

2. Which planet is the nearest one to the sun ?

1) Mercury

2) Earth

3) Jupiter

4) Neptune

3. When the moon is more than half-lit, it is called

1) crescent moon

2) old moon

3) gibbous moon

4) crow moon

F. Fill in the blanks with suitable words given below.

(6 × 1 = 6)

bone, viruses, venus, stars, sun and plants, 27

1. Solar system consist of the and eight
2. The moon takes about days to go around the earth.
3. is identical to planet earth.
4. We can see a large number of in the sky.
5. Any break or crack in the is called a fracture.
6. The saliva of dogs and cats contain

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Syllabus:
(1 - 5 Lessons)
(Pg. No.s : 5 - 44)

SUMMATIVE ASSESSMENT - I

Class - 5 : Learning Express
Exploring Science

Time : 2½ Hour

Max. Marks : 50

50

Name :	Class :	Section :	Roll No.
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A. Short Answer Type Questions. (6 × 2 = 12)

1. What is reproduction in plants ? Name three methods of reproduction.
2. Why are cereals stored in godowns ?
3. Why do animals migrate ?
4. What are the three parts of the brain ?
5. How can we protect our eyes ?
6. What are the functions of the skeletal system ?

B. Very Short Answer Type Questions. (8 × 1 = 8)

1. What is filament ?
2. Name four Pollinators.
3. Define monocotyledons.
4. Name two pesticides used for crop protection.
5. What is the use of lungs in mammals ?
6. Define motor nerves.
7. Define skull.
8. Define floating ribs.

C. Tick(✓) the correct answers. (5 × 1 = 5)

1. Which one of the following is not an imperfect flower ?

1) Cucumber

2) Watermelon

3) Pumpkin

4) Rose

2. Which one of the following seeds has one cotyledon.

1) Bean

2) Rajma

3) Pea

4) Corn

3. Animals have to move from one place to other in search of

- 1) Food 2) Shelter
3) Protection 4) All of these

4. Which are the components of the human brain ?

- 1) Spinal cord 2) nerves
3) iris 4) cerebrum, cerebellum and medulla

5. The number of bones in a vertebrate is

- 1) 33 2) 30
3) 26 4) 34

D. Tick(✓) the right statements and cross (×) the wrong statements. (5 × 1 = 5)

1. The ribs form a type of cage, called rib cage.
2. The eyes are not the organs of sight.
3. The woodpecker has a chisel-shaped beak.
4. Seeds dispersed by the wind must be heavy.
5. Moths are night time pollinators.

E. Unscramble the following words to make meaningful words. (5 × 1 = 5)

1. DULLAME :
2. RABNI :
3. ILPUP :
4. SIRI :
5. VERENS :

F. Discuss the type of flower preferred by following pollinators. (4 × 1 = 4)

1. Bats :
.....
2. Moths :
.....
3. Files :
.....

Note : Cut along the marking to avoid un-even cutting or torn

4. Beetles :

G. Fill in the blanks with suitable words given below. (6 × 1 = 6)

anther, crops, sowing, resident frogs, pupil, eight

1. is the male part of a flower.
2. The process of planting healthy seed is known as
3. Plants which are grown in the fields are called
4. The birds, which do not migrate, are called
5. The black spot in the centre of eye is called
6. The skull is made up of flat bones.

H. Match the following. (5 × 1 = 5)

A

B

- | | | |
|----------------------------------|---------|--------------------------------|
| 1. Animals like mice and rabbits | [] | i) hooked beaks |
| 2. Plant eating animals | [] | ii) tracheae |
| 3. Owls and hawks have | [] | iii) floods, earthquakes, etc. |
| 4. The spiracles lead into | [] | iv) rodents |
| 5. Natural calamities are | [] | v) herbivores |

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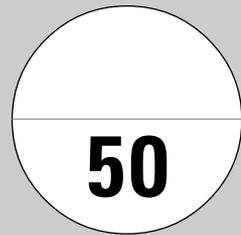
Syllabus:
(1 - 10 Lessons)
(Pg. No.s : 5 – 84)

SUMMATIVE ASSESSMENT - II

Class - 5 : Learning Express
Exploring Science

Time : 2½ Hour

Max. Marks : 50



Name :	Class :	Section :	Roll No.
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A. Short Answer Type Questions.

(6 × 2 = 12)

1. What is simple machine ? How does it make work easy ?
2. How are sedimentary rocks formed ?
3. How is a solution formed. Explain with the help of an example.
4. How are soluble impurities removed from water ?
5. Why do we need food ? Name the essential nutrients present in the food.
6. Discuss different types of bone present in our limbs.

B. Very Short Answer Type Questions.

(8 × 1 = 8)

1. What is balanced diet ?
2. What is the function of anther ?
3. What is irrigation ?
4. What are spiracles ?
5. What is reflex action ?
6. Define floating ribs ?
7. Give some methods for purification of drinking water.
8. Define compound.

C. Tick (✓) the right statements and cross (×) the wrong statements. (6 × 1 = 6)

1. Chemical change is temporary.
2. Granite is a sedimentary rock.
3. A simple machine uses a single force.
4. Bats also eat garden pests.
5. Seeds dispersed by the wind must be heavy.
6. All birds can migrate twice a year.

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Note : Cut along the marking to avoid un-even cutting or torn

D. Tick(✓) the correct answers.

(6 × 1 = 6)

1. Matter exists in states.

- 1) two 2) three
3) four 4) five

2. Method of soil conservation.

- 1) Growing plants 2) Both (a) & (c)
3) Deforestation 4) None of these

3. A pulley consists of a rope and a

- 1) stick 2) wheel 3) ball

4. Pick the odd one out.

- 1) Plants show movement. 2) Plants are sensitive to light.
3) Plants have life cycle. 4) Plants do not make their own food.

5. Animals have to move from one place to other in search of

- 1) Food 2) Shelter
3) Protection 4) All of these

6. A soft fatty substance found in bones is called

- 1) ligament 2) bone marrow
3) tenden 4) white blood cell

E. Unscramble the following words to make meaningful words.

(8 × 1 = 8)

1. TRIENTSNU :
2. ERGMS :
3. INATION VACC :
4. EASEDIS :
5. TAIVNIMS :
6. PROC :
7. ESSDE :
8. IADRCLE :

Note : Cut along the marking to avoid un-even cutting or torn

F. Fill in the blanks with the suitable words given below.

(5 × 1 = 5)

floating, anaemia, filter paper, sedimentary, less

1. force is needed to move objects with an inclined plane.
2. Sandstone is a rock.
3. does not allow impurities to pass through it.
4. Deficiency of iron causes
5. Ribs not joined to the breast bone are called ribs.

H. Match the following columns.

(5 × 1 = 5)

Column A		Column B	
1. Solute	[]	a) water, milk, kerosene	
2. Solid	[]	b) which dissolves some thing in it	
3. Solvent	[]	c) oxygen, carbondioxide	
4. Liquid	[]	d) wood, glass, plastic	
5. Gas	[]	e) that gets dissolved in some thing	

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SUMMATIVE ASSESSMENT - III

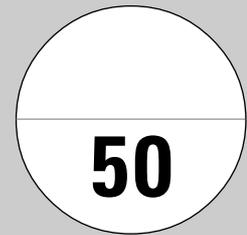
Class - 5 : Learning Express

Exploring Science

Syllabus:
(1 - 15 Lessons)
(Pg. No.s : 5- 120)

Time : 2½ Hour

Max. Marks : 50



Name :	Class :	Section :	Roll No.
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A. Short Answer Type Questions. (6 × 2 = 12)

1. Distinguish between communicable and non - communicable diseases.
2. What safety procedures need to be followed during the course of an Earthquake ?
3. What do you mean by satellite ? Name one natural satellite of the earth ?
4. What is solar system ? How many planets are there in our solar system ?
5. What precautions you should give to an injured person having fracture ?
6. How can levers be classified ? Give examples for each class of lever.

B. Very Short Answer Type Questions. (8 × 1 = 8)

1. What is wedge ?
2. What is sprain ?
3. Which is the nearest planet to the sun ?
4. What is neap tide and spring tide ?
5. Define Global warming.
6. Define floating ribs.
7. What is irrigation ?
8. What is filament ?

C. Unscramble the following words to make meaningful words. (8 × 1 = 8)

1. OCVLAON :
2. TUSANIM :
3. CENEPITRE :
4. ORDATMN :
5. EIMSSORAGPH :
6. THANEME :
7. ONEOZ :
8. UTRALTELOIV :

Note : Cut along the marking to avoid un-even cutting or torn

D. Tick(✓) the right statements and cross (×) the wrong statements. (6 × 1 = 6)

- 1. Most earthquakes occur on faults.
- 2. A greenhouse is made from leaves.
- 3. Mars is also known as Brihaspati.
- 4. A simple machine uses a single force.
- 5. Coal and petroleum are metallic minerals.
- 6. Milk is miscible in water, but oil is not.

E. Fill in the blanks with suitable words given below. (6 × 1 = 6)

breathing, cerebrum, pivot, vitamins, oxygen, air

- 1. is a gas-gas solution.
- 2. is needed for burning.
- 3. are not a source of energy but help the different body systems to function properly.
- 4. joint helps to have rotating movement from side to side.
- 5. is the biggest part of the brain.
- 6. is the process of taking in oxygen and giving out carbondioxide.

F. Tick(✓) the correct answers. (5 × 1 = 5)

- 1. The inter-molecular spaces in the gases are
 - 1) smallest 2) largest
 - 3) medium 4) none of these
- 2. What are different types of rock ?
 - 1) Sedimentary rock 2) Metamorphic rock
 - 3) Igneous 4) All of these
- 3. How many classes / types of lever are there ?
 - 1) 1 2) 2 3) 3

4. Which statements is correct in case of safety ?

- 1) Be alert 2) Be properly dressed
3) Avoid being over confident
4) Do not follow the safety rules impatiently

5. Which of the following has its own light ?

- 1) Sun 2) Moon
3) Venus 4) None of these

H. Match the following columns.

(5 × 1 = 5)

Column A		Column B
1. Solute	[]	a) water, milk, kerosene
2. Solid	[]	b) which dissolves some thing in it
3. Solvent	[]	c) oxygen, carbondioxide
4. Liquid	[]	d) wood, glass, plastic
5. Gas	[]	e) that gets dissolved in something

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