



SOUTH BENGAL PUBLIC SCHOOL

(Govt. Recognized)

Admission Test (2025-26) for class-05

(Syllabus Based on class-04)

Sub - English

Syllabus

WRITING SKILL (15 marks)

Paragraph Writing (Word limit-60-70) 05
marks

Topics:- Celebration Day / National Symbols / Pollution / Visiting Place / Game / Remarkable Day / Nature / Festival /Occupation.

N.B.:-Point will be mentioned

Picture description (Word limit-50-60) 05
[Picture will be given for analysis]

Letter Writing. (Body of the letter with Maximum 8 lines) 05
[Formal and Non formal]

READING SKILL .(Allotted marks – 10)

Questions will be given on the basis of UNSEEN passage only according to their class standard.

i. Competency based objective type questions -----	1x6= 06
ii. Very-short Type questions. One words answer.	1X4=04

GRAMMAR SKILL AND VOCABULARY SKILL (25 marks)

[SYLLABUS:

GRAMMAR:

Sentences : Introduction, Classifications Example.

Noun: Singular & plural number - countable and uncountable,. common, proper noun,

Singular and Plural (adding 's' , 'es', 'ves' or 'ies' and examples like foot-feet, sheep-sheep)

Gender- Introduction and type, example.

Pronouns-he, him , she and her,I, Me and You, We, Us, They and Them, This, That, These and Those.

Verb: Kinds of verb, be verb, have verbs, doing words.

Adverbs: Introduction, uses of adverbs of Time and Place.

Adjective: Introduction, types of adjectives.

Conjunction: 'And' , 'But', 'Because' and 'As' Conjunctions etc.

Punctuation: Full stop (.), Comma (,), Question mark(?),Use of Capital letters & Exclamation mark(!)

Article: Indefinite articles , Definite and indefinite Article.

Preposition: Introduction and understand etc.

Tense: past, present & future – Simple and Continous, Perfect structure.

VOCABULARY:

Spelling puzzles, synonym & antonym, single word expression, Homophones, Common errors etc.



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Sub - English

Sample Paper

Total Marks-50

Time-1 hr

WRITING SKILL (15 marks)

Question-01: Write a Paragraph within -60-70 words following the points. 05 marks

[**Introduction:** pollution as making the environment dirty.-**Detail Information:** Types: Air, water, land, and noise pollution.- Causes: Factories, vehicles, garbage, and cutting trees.- Effects: Harm to animals, plants, and humans; causes health problems.- **Main Idea:** Solution- Plant trees, use less plastic, and keep surroundings clean. **Conclusion:** Everyone must work together to reduce pollution and save the Earth.]

Answer- Sample

Introduction: Start by introducing pollution.

"Pollution is the act of making the environment dirty and harmful for living beings."

Detail Information:

Types of Pollution: "There are different types of pollution, such as air pollution, water pollution, land pollution, and noise pollution."

Causes of Pollution: "Pollution is caused by various activities like emissions from factories and vehicles, throwing garbage carelessly, and cutting down trees."

Effects of Pollution: "Pollution harms animals, plants, and humans. It causes health problems like breathing issues and waterborne diseases."

Solutions to Pollution: "We can reduce pollution by planting more trees, using less plastic, and keeping our surroundings clean."

Main Idea:

Importance of Reducing Pollution: "It's crucial that everyone works together to reduce pollution and save the Earth for future generations."

Conclusion: End by expressing something positive about pollution control.

"I believe we can make our planet cleaner and healthier if we all do our part to reduce pollution."



**Sample
Questions**

Ans. _____

Sample
Questions





Sample Questions



Ans. _____

Question-03 : Write a letter to your school Principal requesting permission to organize a picnic for your class. (Body of the letter with Maximum 8 lines)

05

Ans. _____

**Sample
Questions**



READING SKILL .(Allotted marks – 10)

Question-04 :Read this unseen passage and answer the following questions.

I am a farmer, and I work on my farm every day. I grow grains such as rice and wheat, along with fruits and vegetables. I take care of my crops by providing them with water and nutrients. I also raise chickens for eggs and meat. Additionally, I keep animals like cows, goats, and sheep on my farm. My work helps provide food for many people.

A. Competency-Based Objective Type Questions (6 Questions)

1. What does the farmer grow on his farm?

- (a) Flowers and herbs
- (b) Grains, fruits, and vegetables
- (c) Cotton and spices
- (d) Sugarcane and coffee

Answer: (b) Grains, fruits, and vegetables

2. Which grains does the farmer grow?

- (a) Maize and barley
- (b) Rice and wheat
- (c) Oats and corn
- (d) Millet and rice

Answer: (b) Rice and wheat

3. What does the farmer raise chickens for?

- (a) To get milk
- (b) To protect the farm
- (c) To get eggs and meat
- (d) To sell as pets

Answer: (c) To get eggs and meat

4. Which animals does the farmer keep on his farm?

- (a) Cows, goats, and sheep
- (b) Horses and pigs
- (c) Rabbits and dogs
- (d) Donkeys and buffaloes

Answer: (a) Cows, goats, and sheep

**Sample
Questions**





5. What does the farmer provide to his crops?

- (a) Fertilizer only
- (b) Water and nutrients
- (c) Sunlight and air
- (d) Shade and warmth

Answer: (b) Water and nutrients

6. What is the main purpose of the farmer's work?

- (a) To provide food for many people
- (b) To take care of animals only
- (c) To beautify the land
- (d) To build houses

Answer: (a) To provide food for many people

B. Very Short Answer Type Questions (4 Marks)

1. Who works on the farm?

Answer: A farmer works on the farm.

2. Name two grains the farmer grows.

Answer: Rice and wheat.

3. Why does the farmer raise chickens?

Answer: To get eggs and meat.

4. Which animals are kept on the farm?

Answer: Cows, goats, and sheep.

GRAMMAR SKILL AND VOCABULARY SKILL (25 marks)

Question-5. Give answer of the following questions.

Knowledge-Based MCQs

1. Which of the following is a proper noun?

Options:

(a) City	(b) India
(c) Dog	(d) River

Answer: (b) India

2. Which of the following is an example of a singular noun?

Options:

(a) Cats	(b) Oxen
(c) Book	(d) Geese

Answer: (c) Book

Application-Based MCQs

3. Select the correct pronoun to replace the noun in this sentence:

"Ravi and I went to the park."

Options:

(a) We	(b) Us
(c) Them	(d) They

Answer: (a) We

4. Choose the correct article to complete the sentence:

" _____ apple is on the table."

Options:

(a) An	(b) A
(c) The	(d) No article needed

Answer: (a) An

Sample Questions



True/False Questions

5. True or False: "Sheep" is both singular and plural.

Answer: True

6. True or False: "Was" is a verb used in the past tense.

Answer: True

7. True or False: "A verb always shows an action or a state of being."

Answer: True

Fill-in-the-Blanks

8. Complete the sentence with the correct form of the verb:

"The children _____ a sandcastle on the beach."

Options:

- (a) makes
- (c) making

- (b) make
- (d) maked

Answer: (b) make

Rearrange Sentences

□ 9. Rearrange the following words to form a meaningful sentence:

"playing/are/kids/the/park/in/the"

Options:

- (a) The kids are playing in the park.
- (b) In the park are kids playing.
- (c) The kids playing are in the park.
- (d) Park in are the kids playing.

Answer: (a) The kids are playing in the park.

10. Rearrange the following words to form a meaningful sentence:

"on/the/dog/jumped/table/the"

Options:

- (a) The table jumped on the dog.
- (b) The dog jumped on the table.
- (c) Jumped the dog the table on.
- (d) On the table jumped dog the.

Answer: (b) The dog jumped on the table.

11. Match the nouns with their types:

Match the Following

Sample Questions



Words	Type
Ganga	1. Common Noun
A bouquet	2. Proper Noun
Boy	3. Collective Noun

Answer: Ganga - 2, A Bouquet-3, Boy - 1

12. Fill in the blank with the appropriate verb form:

"The sun _____ brightly in the sky."

Options:

(a) shine	(b) shines
(c) shining	(d) shoned

Answer: (b) shines

Sample Questions



13. Fill in the blank with the correct preposition:

"The cat is hiding _____ the sofa."

Options:

(a) in	(b) under
(c) on	(d) over

Answer: (b) under

Picture-Based Matching

14. Match the pictures of objects with their opposite words (e.g., full / empty):

Picture	Options:
	(a) Empty
	(b) Full

Ans.-(a)

Word Completion

15. Complete the word:

S_ n

Options:

(a) u	(b) a
(c) n	(d) o

Answer: (a) u

16. Fill in the missing letters not to make the meaningful word:

_ i _ e _

Options:

- (a) tiger
- (c) rider

- (b) kiver
- (d) cider

Answer: (b) kiver

Noun Recognition

17. Identify the noun in the sentence:

"The girl is playing with a ball."

Options:

- (a) Girl
- (c) Ball

- (b) Playing
- (d) Both (a) and (c)

Answer: (d) Both (a) and (c)

Sample Questions



18. Identify the proper noun in the sentence:

"Rita went to the Taj Mahal during her vacation."

Options:

- (a) Rita
- (c) Vacation

- (b) Taj Mahal
- (d) Both (a) and (b)

Answer: (d) Both (a) and (b)

Verb Identification

19. Identify the verb in the sentence:

"The bird flies in the sky."

Options:

- (a) Bird
- (c) Sky

- (b) Flies
- (d) None

Answer: (b) Flies

Sound Recognition

20. Select the word that starts with the /s/ sound:

Options:

- (a) Sand
- (c) Fan

- (b) Cake
- (d) Lamp

Answer: (a) Sand

21. Choose the word that rhymes with "car":

Options:

- (a) Bar
- (c) Toy

- (b) Fan
- (d) Cat

Answer: (a) Bar



Sample Questions

Identify the Nouns

22. Ram and Ravi are brothers. Identify the types of nouns:

Options:

- (a) Ram - Proper noun; Ravi - Proper noun
- (b) Ram - Common noun; Ravi - Common noun
- (c) Brothers - Proper noun
- (d) Ravi - Common noun

Answer: (a) Ram - Proper noun; Ravi - Proper noun

Give Reason

23. Give the reason for the use of the article in the sentence:

"The dog is barking loudly."

Here, "The" is used because it refers

Answer: Here, "The" is used because it refers to a specific dog.

MCQs on Adverbs

24. Which word is an adverb in the sentence?

"She sings beautifully."

Options:

- (a) She
- (c) Beautifully
- (b) Sings
- (d) None

Answer: (c) Beautifully

Identify Tenses

25. Identify the tense in the sentence:

"He will be going to the market tomorrow."

Options:

- (a) Present Continuous
- (c) Future Continuous
- (b) Past Continuous
- (d) Future Perfect

Answer: (c) Future Continuous



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Admission Test (2025-26) for class-05

(Syllabus Based on class-04)

Sub - Mathematics

Syllabus

1. The number system, Ordering of the Large Numbers (Up to 8 digit) and Place Value In 5 to 7 Digit Numbers.

2. Roman numerals (Up to 1000).

3. Addition.

4. Subtraction.

5. Multiplication (4 digit with 3 digit).

6. Division (4 digit by 3 digit).

7. Factors and Multiples- Fractions, Equivalent Fractions, Types Of Fractions, Comparing Fractions, Adding Fractions, Subtracting Fractions and Multiplying Fractions.

8. Fraction- Common fraction, Equivalent fraction, Type of the fractions, Comparing fractions, Adding like fractions and subtraction like fractions.

9. Data Handling-Tally mark, Pictograph, Bargraph.

10. Money- Conversion Of Rupees And Paise, Addition And Subtraction Of Money, Multiplication And Division Of Money.

11. Measurement of weight(Mass), capacity, length. Perimeter and Area of square, rectangle, triangle.

12. Measurement of Time.

13. Basic shapes -Parallel and intersecting lines, Measuring and construction a line segment, Polygons, Perimeter, Circumferences, Area, Perspective, Plan and elevation.

14. Geometry- Line, Line segment, Intersecting point ,Polygons, Circle, Angles, Area, Circumference, Symmetry, plan and elevation.



SOUTH BENGAL PUBLIC SCHOOL

(Govt. Recognized)

Admission Test (2025-26)

Questions Framework for Admission Test to Class – 5 (Five)

(Syllabus Based on class-04)

Sub - Mathematics

Sample Paper

Total Marks-50

Time-1 hr

I. Give answer of the following questions.

20

Knowledge-based

Q1. What is the place value of 5 in the number 35,276 ?

A) 5000	B) 500
C) 50,000	D) 50

Q2. What is the Roman numeral for 940?

A) DCCCCL	B) CMXL
C) MCCCCL	D) CMXC

**Sample
Questions**



Application-based

Q3. A shopkeeper sold 458 apples on Monday and 342 apples on Tuesday. How many apples did he sell in total?

A) 790	B) 800
C) 890	D) 900

Q4. A rectangle has a length of 8 m and a width of 5 m. What is its perimeter?

A) 26 m	B) 40 m
C) 30 m	D) 50 m

True/False Questions

Q5. The Roman numeral M represents 1000.

A)True	B)False
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Q6. The equivalent fraction of $\frac{2}{4}$ is $\frac{3}{6}$

A)True	B)False
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Q7. Choose the correct option.

Assertion (A): 6 is a factor of 18.

Reason (R): 6 divides 18 without leaving a remainder.

- A) Both A and R are correct, and R explains A.
- B) Both A and R are correct, but R does not explain A.
- C) A is correct, but R is incorrect.
- D) A is incorrect, and R is correct.

Q8. Choose the correct option.

Assertion (A): The sum of angles in a triangle is always 180° .

Reason (R): A triangle can have three acute angles only.

- A) Both A and R are correct, and R explains A.
- B) Both A and R are correct, but R does not explain A.
- C) A is correct, but R is incorrect.
- D) A is incorrect, and R is correct.



Match the Following

Q9. Match the shapes with their properties:

1. Square – A. Has all sides equal and four right angles
2. Rectangle – B. Opposite sides are equal and parallel
3. Triangle – C. Has three sides

Option- A) 1-B, 2-C, 3-A
 B) 1-A, 2-C, 3-B
 C) 1-C, 2-A, 3-B
 D) 1-A, 2-B, 3-C

Fill-in-the-Blanks

Q10. A bar graph is used to represent _____.

Q11. The area of a square is calculated using the formula _____.

Sequencing Questions

Q12. Arrange the following numbers in ascending order:

9,85,216; 8,52,136; 1,25,786; 9,58,126.

- A) 1,25,786; 8,52,136; 9,58,126; 9,85,216
- B) 9,85,216; 8,52,136; 1,25,786; 9,58,126
- C) 8,52,136; 9,85,216; 1,25,786; 9,58,126
- D) 1,25,786; 9,58,126; 8,52,136; 9,85,216

Q13. Rank the fractions from smallest to largest: $\frac{3}{5}, \frac{3}{4}, \frac{4}{7}, \frac{1}{2}$

A) $\frac{1}{2}, \frac{4}{7}, \frac{3}{5}, \frac{3}{4}$

B) $\frac{4}{7}, \frac{3}{4}, \frac{1}{2}, \frac{3}{5}$

C) $\frac{3}{4}, \frac{1}{2}, \frac{4}{7}, \frac{3}{5}$

D) $\frac{1}{2}, \frac{4}{7}, \frac{3}{4}, \frac{3}{5}$

Sample Questions



Statement-Based Questions

Q14. Which of the following statements is correct?

- A) A line has a fixed length.
- B) A line segment extends infinitely.
- C) A polygon is a closed figure with three or more sides.
- D) A circle has three sides.

Numeric Response Questions

Q15. Find the product of 2436 and 125.

Q16. Divide 4785 by 15 and write the quotient.

Geometry

Q17. What is the area of a rectangle with length 12 cm and breadth 8 cm?

A) 96 cm^2

B) 48 cm^2

C) 100 cm^2

D) 120 cm^2

Q18. Simplify $\frac{15}{45}$ to its lowest term.

- A) $\frac{3}{9}$
- C) $\frac{1}{3}$

- B) $\frac{5}{15}$
- D) $\frac{2}{5}$

Data Handling

Q19. In a pictograph, if one picture of a car represents 10 cars, how many pictures are needed to represent 50 cars?

- A) 10
- C) 20

- B) 5
- D) 15

Measurement

Q20. Convert 125 cm to meters.

- A) 1.25 m
- C) 12.5 m

- B) 0.125 m
- D) 1250 m

II. Section B: Short Answer Questions**20****Number System**

Q1. Write the number 6,03,752 in words.

Ans.

Q2. Find the place value of 7 in the number 4,37,862.

Ans.

Sample Questions



Q3. Write the Roman numeral for 748.

Ans.

Q4. Convert the Roman numeral CMXLII to a number.

Ans.

Addition and Subtraction

Q5. Add: 8,452 and 3,176.

Ans.

Q6. Subtract 6,274 from 8,100.

Ans.



Multiplication and Division

Q7. Multiply 2314 by 42.

Ans.

Q8. Divide 4756 by 34 and write the quotient.

Ans.

Q9. Compare $\frac{3}{7}$ and $\frac{5}{7}$ using $<$, $>$, or $=$.

Ans.

Q10. Add $\frac{2}{5}$ and $\frac{3}{5}$.

Ans.

Sample Questions



Data Handling

Q11. A class conducted a survey on students' favorite fruits. The data is:

Apple: 10 students, Banana: 12 students, Orange: 8 students. Represent the data using a tally mark.

Ans.

Money

Q12. Convert ₹135.50 into paise.

Ans.

Q13. Raju bought 2 toys for ₹250 each. How much did he spend in total?

Ans.

Measurement

Q14. Convert 2500 grams to kilograms.

Ans.



Q15. A rectangular field has a length of 15 m and a breadth of 10 m. Find its area.

Ans.

Q16. Draw and label a line segment of 5 cm.

Ans.

Q17. Name two shapes that have all sides equal.

Ans.

10. Miscellaneous

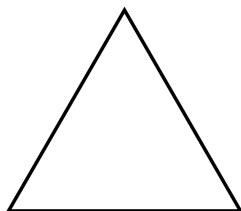
Q18. Write the first five multiples of 6.

Ans.

Q19. A shopkeeper sold 12 kg of rice, 8 kg of sugar, and 10 kg of wheat. What is the total weight of the goods sold?

Ans.

Q20.



Name sides and angles of the given figure.

Ans.

III. Section-C: Higher Order Thinking Skills (HOTs) Questions. 10

SET-1

Application and Analysis

Q1. A school organizes a sports day. There are 5 teams, each with 48 students.

- How many students are participating in total ?
- If 120 students finish all the events, how many are left to participate?

(Marks: 3)

Ans.

Q2. A rectangular garden has a length of 25 m and a breadth of 15 m. The gardener wants to fence the garden twice around its perimeter. How much fencing material will he need? *(Marks: 2)*

Ans.

SET-2



Evaluation and Creation

Q1. A fruit seller has 250 apples. He sells 35 apples daily.

- How many apples will he sell in 7 days?
- How many apples will be left after 7 days? *(Marks: 3)*

Ans.

Q2. A triangular park has sides of 20 m, 25 m, and 15 m. The gardener wants to create a walkway around the park. What is the total length of the walkway? *(Marks: 2)*

Ans.

Sample
Questions





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Admission Test for class-05

(Syllabus Based on Class-04)

Sub - Science

Total Marks-50

Time-1 hr

Syllabus

Biology

Theme 1: Human Body- Food We Eat : Food for energy, for work, food for growth (body building), food for protection from diseases. Components of food: Carbohydrates, Proteins, Fats, Vitamins, Minerals, Water and roughage as essential components. Examples of each group of food component. An idea of a balanced diet. Care of food to avoid wastage.

Theme 2: Human Body- The Teeth: Kind of teeth in the mouth and location. Structure and Functions of each kind of tooth. Diagram with labelling of parts of a tooth, number of teeth of each kind in: infants and adults. Care of Teeth and Gums: Causes of cavities/ deficiencies and steps to prevent them. Need for regular check-up to keep teeth healthy; importance of healthy dental care habits. Role of food in the development of healthy teeth and gums.

Theme 3: Human Body- The Digestive & Excretory Systems: Organs of the digestive system (mouth, food pipe, stomach, liver, small and large intestine, rectum, anus). Functions of various organs in digestion, need for chewing food well, and for regular bowel movements. Need for water. Organs of the excretory system and their functions. Healthy habits related to digestion and excretion.

Theme 4: Adaptation in Animals: Adaptation in animals. Need for adaptations in animals. Reasons of adaptations. Examples of adaptations in animals: on land, in water. Adaption in modification of body parts in herbivores, carnivores, omnivores. Examples of each. Care and concern for animals

Theme 5: Adaptation in Plants: Need for adaptation in plants. Examples of adaptation of plants on land with examples. Examples of adaptation of plants in water with examples. Examples of adaptation of plants in desert with examples. Examples of adaptation of plants in hilly areas with examples.

Theme 6: Plants in the Surroundings and Environment- Parts of plants and their uses (Revisiting earlier concepts). Roots: kinds of roots, their functions and examples. Shoots: functions of the stem. Functions of the leaf: Photosynthesis, transpiration process (in simple language). Iodine test for starch in leaves. Products obtained from plants such as food items, wood, coir, rubber, fibres.

Physical Science

Theme 7: Air: Some properties of air i.e., occupy space, weight, expands, no colour. Composition of air (gases + water vapour). Process of breathing and burning. Causes of air pollution – dust, smoke, spitting (germs/bacteria, Virus), preventive measures to keep air clean.

Theme 8: Materials and Solutions: Definition- solvent, solute and solution, giving examples of each (simple language). Soluble and insoluble substances giving examples of each (solubility in oil, water) Method of separation: sedimentation, decantation, filtration, evaporation.

Theme 9: Light: Source of light: natural and artificial. Examples of sources of natural and artificial light. Luminous/non-luminous objects. Properties of light. Transparent, translucent and opaque objects. Examples of each category of objects. Uses of these objects in daily life. Formation of shadows (how a shadow is formed - not in technical terms). Conservation of Light Energy.

Theme 10: Measurement: Need for measurement Examples of measurement in daily life (buying goods, watching time) Simple description of instruments used for measurement (ruler, tape, weighing machine, thermometer, clock) Use of each instrument, how to read/use them.

Theme 11: Push and Pull: The concept/ meaning of push and pull and difference between the two; Examples of push and pull. Force: meaning in simple terms, changes shape of objects and direction; Meaning of various types of forces – muscular, gravitational, magnetic and frictional.

Theme 12: Friction as a Force: Friction – meaning, concept. How to reduce friction (oil, powder). Uses of friction. Harmful effects of friction. Examples of friction.



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Sample Question

Sub - Science

Total Marks-50

Time-1 hr

Theme 1: Human Body - Food We Eat

1.) MCQ: Which food group gives us energy to work?

- a) Proteins
- b) Carbohydrates
- c) Vitamins
- d) Water

(Answer: b)

2.) **True/False:** Fats help in building and repairing body tissues.

(Answer: False)



3.) Match the Following:

- Carbohydrates - Energy
- Proteins - Body building
- Minerals - Bone health

4.) Ranking Question: Rank these food items in order of their carbohydrate content (highest to lowest): Rice, Meat, Potato.
(Answer: Rice > Potato > Meat)



Theme 2: Human Body - The Teeth

5.) MCQ: Which teeth are used for biting food?

- a) Molars
- b) Incisors
- c) Canines
- d) Premolars

(Answer: b)

6.) Assertion-Reason:

- Assertion: Brushing teeth twice a day is important.
- Reason: It removes food particles and prevents cavities.

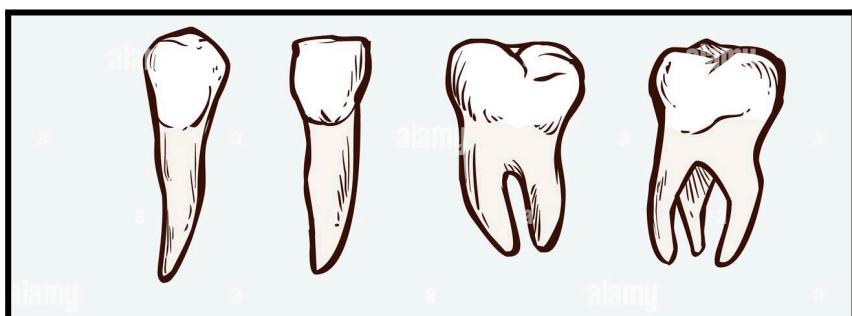
Options: a) Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.

- b) Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
- c) Assertion is false, but Reason is true.
- d) Assertion is true, but Reason is false.

(Answer: a)

7.) Picture-Based Question: Identify the type of tooth in the diagram.

Incisor -



Theme 3: Human Body - Digestive & Excretory Systems

8.) MCQ: What is the function of the stomach?

- a) Absorbs water
- b) Breaks down food
- c) Stores urine
- d) Removes waste

(Answer: b)

9.) Sequencing Question: Arrange the organs in the order food passes through during digestion:

- a) Mouth
- b) Food pipe
- c) Stomach
- d) Small intestine (**Answer:** a, b, c, d)

10.) Ranking Question: Rank the organs by size: Small intestine, Large intestine, Stomach

(*Answer: Small intestine > Large intestine > Stomach*)

Theme 4: Adaptation in Animals

11.) Assertion-Reason:

- Assertion: Penguins have a layer of fat under their skin.
- Reason: It keeps them warm in cold climates.

Options: a) Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.

- b) Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
- c) Assertion is false, but Reason is true.
- d) Assertion is true, but Reason is false.

(*Answer: a*)

12.) Sequencing Question: Arrange the animals in order of adaptation for speed: Cheetah, Deer, Tortoise

(*Answer: Cheetah > Deer > Tortoise*)

Theme 5: Adaptation in Plants

13.) Assertion-Reason:

- Assertion: Mangroves have aerial roots.
- Reason: Aerial roots help in breathing in waterlogged soils.

Options: a) Both Assertion and Reason are true, and Reason is the correct explanation of Assertion.

- b) Both Assertion and Reason are true, but Reason is not the correct explanation of Assertion.
- c) Assertion is false, but Reason is true.
- d) Assertion is true, but Reason is false.

(*Answer: a*)



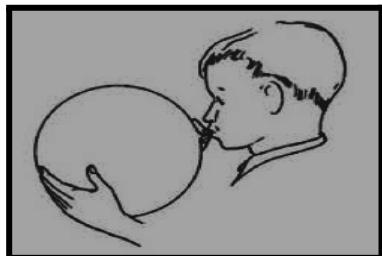
14.) Ranking Question: Rank plants based on their height:

Pine, Cactus, Lotus

Answer: Pine > Cactus > Lotus.

Theme 7: Air (Picture-Based MCQ)

15.)



Observe the above picture. What property of air does this show? (1 Mark)

- a) Air has weight
- b) Air occupies space
- c) Air has color
- d) Air cannot move objects

Answer: b) Air occupies space

Theme 8: Materials and Solutions (Picture-Based MCQ)

16.)



Look at the image of sugar dissolving in water. What kind of substance is sugar in this example? (1 Mark)

- a) Solvent
- b) Solute
- c) Solution
- d) Mixture

Answer: b) Solute

Look at the picture. Which one is a source of natural light? (1 Mark)



- a) Candle
- b) Flashlight
- c) Sun
- d) None of these

Answer: c) Sun



Theme 9: Light Match the Following

18). Match the objects with their types based on how light passes through them: (1 Mark)

a) Glass -	i) Translucent
b) Frosted glass -	ii) Transparent
c) Wooden plank -	iii) Opaque

Answer: a) ii, b) i, c) iii

Theme 11: Push and Pull (Sequencing Question).

19.) Arrange the following examples of push and pull in order of occurrence during a door operation: (1 Mark)

- a) Push the door to close it
- b) Pull the door to open it
- c) Unlock the door

Answer: c → b → a

Theme 12: Friction as a Force (Statement-Based Question)

20.) Which of the following statements is correct about friction? (1 Mark)

- a) Friction always helps us.
- b) Friction can cause wear and tear of machines.
- c) Friction does not exist when surfaces are smooth.
- d) Friction increases when oil is applied to surfaces.

Answer: b) Friction can cause wear and tear of machines

Section B: Short Answer Questions

20 marks

Biology:

Theme 1: Human Body - Food We Eat

1. Name two components of food that give us energy.

Answer: Carbohydrates and Fats

2. What is a balanced diet?

Answer: A diet that includes all the essential nutrients in the right amounts.

Theme 2: Human Body - The Teeth

3. How many kinds of teeth are there in an adult human?

Answer: Four (Incisors, Canines, Premolars, Molars)

4. Why should we brush our teeth twice a day?

Answer: To prevent cavities and maintain healthy teeth and gums.

Theme 3: Human Body - Digestive & Excretory Systems

5. Name the organ where most digestion takes place.

Answer: Small intestine

6. What is the role of the kidneys in the excretory system?

Answer: To filter waste from the blood and form urine.

Theme 4: Adaptation in Animals

7. How do camels survive in deserts?

Answer: By storing water in their bodies and having wide feet for walking on sand.

Theme 5: Adaptation in Plants

8. Why do desert plants have spines instead of leaves?

Answer: To reduce water loss.

Theme 6: Plants in the Surroundings and Environment

9. What is the function of roots in plants?

Answer: To absorb water and nutrients from the soil.

10. Name two products we get from plants.

Answer: Fruits and rubber

Sample
Questions



Physical Science:

Theme 7: Air

13. Write two characteristic of air.

Answer- Air has weight and occupies space.

Theme 8: Materials and Solutions

12. Give one example of a soluble and one example of an insoluble substance in water.

Answer: Soluble: Salt, Insoluble: Sand

13. What is the method called to separate sand from water?

Answer: Filtration

Theme 9: Light

14. Which is a natural source of light ?

Answer: b) Sun

15. What happens when light is blocked by an object?

Answer: A shadow is formed.

**Sample
Questions**



Theme 10: Measurement

16. Name an instrument used to measure temperature.

Answer: Thermometer

Theme 11: Push and Pull

17. What is the difference between a push and a pull?

Answer: A push moves an object away, and a pull brings it closer.

Theme 12: Friction as a Force

18. Why is oil applied to reduce friction in machines?

Answer: To make surfaces smooth and reduce wear and tear.

19. Name one useful effect and one harmful effect of friction.

Answer: Useful: Helps us walk; Harmful: Causes wear and tear.

General

20. Why is it important to keep our surroundings clean?

Answer: To prevent air pollution and stay healthy.

Section-C:Higher Order Thinking Skills (HOTs) Questions.

Set 1: Higher Order Thinking Skills (HOTs) Questions

(5 Marks Total)

Theme 1: Human Body - Food We Eat

1. Why is it important to eat a balanced diet every day? Give one example of a healthy meal that includes all food components. **(1 Mark)**

Expected Answer: A balanced diet keeps us healthy and strong.
Example: Rice (carbohydrates), dal (proteins), vegetables (vitamins and minerals), and fruits.

Theme 2: Human Body - The Teeth

2. If you eat too many sweets and don't brush your teeth, what can happen? Suggest one way to prevent this. **(1 Mark)**

Expected Answer: Cavities can form. Brushing twice a day can prevent it.

Theme 4: Adaptation in Animals

3. Why do polar bears have thick fur and fat under their skin?

(1 Mark)

Expected Answer: To keep them warm in cold climates.

Theme 6: Plants in the Surroundings and Environment

4. Why do desert plants have long roots and small leaves?
How does it help them? **(1 Mark)**

Expected Answer: Long roots help absorb water, and small leaves reduce water loss.



**Sample
Questions**

Theme 8: Materials and Solutions

5. What will happen if you mix oil and water in a glass? Why?

(1 Mark)

Expected Answer: They will not mix because oil is insoluble in water.

Set 2: Higher Order Thinking Skills (HOTs) Questions

(5 Marks Total)

Theme 3: Human Body - Digestive & Excretory Systems

1. Why is it important to chew your food well before swallowing? (1 Mark)

Expected Answer: Chewing breaks food into smaller pieces, making digestion easier.

Theme 7: Air



2. If there were no trees, how would it affect the air we breathe? (1 Mark)

Expected Answer: There would be less oxygen, making it hard for humans and animals to breathe.

Theme 9: Light

3. Why do we see our shadow only when there is light?

(1 Mark)

Expected Answer: A shadow forms when light is blocked by an object.

Theme 10: Measurement

4. Why do shopkeepers use weighing machines? Can you think of any other instrument used for measuring? (1 Mark)

Expected Answer: To measure the weight of goods. Other instruments include a ruler or thermometer.

Theme 12: Friction as a Force

5. Imagine you are riding a bicycle on a smooth road and a rough road. Which road will make it harder to pedal, and why? (1 Mark)

Expected Answer: The rough road because it has more friction.
