

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Section: \_\_\_\_\_

Roll No: \_\_\_\_\_

Date: \_/ \_/ \_

# વિજ્ઞાન Practice Test

Science Practice Test • Std 5 • Unit Test

**Science Knowledge Test****Duration:** 40 min**Max Marks:** 50**Difficulty:** Medium**Sections:** A-E

## પરીક્ષા સૂચનાઓ (Test Instructions)

### General Instructions:

Diagrams જરૂર હોય તો draw કરો. Technical શબ્દો spelling બરાબર. Examples આપો જ્યાં લાગુ.

### Sections Overview:

**Section A (15 marks):** Objective (MCQ + T/F + Fill blanks)

**Section B (10 marks):** Short Answer Questions (10 questions)

**Section C (10 marks):** Reading Comprehension

**Section D (15 marks):** Writing Tasks

**Bonus:** Critical thinking + extra effort = +5 marks

### Best Practices:

- સૌથી પ્રથમ questions વાંચો
- Section-wise time manage કરો
- સ્વચ્છ handwriting રાખો
- જરૂરી હોય તો diagram દોરો
- અંતે revision માટે 5 min બાકી રાખો

## SECTION A - Objective

15 marks

## A.1 - Multiple Choice Questions (5 marks)

## Q1. Photosynthesis ક્યાં થાય?

- (a) Roots  
(c) Leaves

- (b) Stem  
(d) Flowers

## Q2. Solar system માં planets કેટલા?

- (a) ૭  
(c) ૯

- (b) ૮  
(d) ૧૦

## Q3. Water boils at?

- (a) ૫૦°C  
(c) ૧૦૦°C

- (b) ૭૫°C  
(d) ૧૨૫°C

## Q4. Largest planet?

- (a) Earth  
(c) Jupiter

- (b) Mars  
(d) Saturn

## Q5. Heart pumps?

- (a) Air  
(c) Water

- (b) Blood  
(d) Food

## A.2 - True/False (5 marks)

1. Sun a planet.  T  F
2. Plants release O<sub>2</sub>.  T  F
3. Human heart 4 chambers.  T  F
4. Moon a planet.  T  F
5. Sound needs medium to travel.  T  F

## A.3 - Fill in the Blanks (5 marks)

1. Tallest mountain - \_\_\_\_\_.
2. Skeleton bones in adult - \_\_\_\_\_.
3. Pollination by - bees, \_\_\_\_\_.
4. Earth orbits sun in - \_\_\_\_\_ days.
5. Speed of light - \_\_\_\_\_.

## SECTION B - Short Answer Questions

10 marks

દરેક question નો ૧-૨ વાક્ય માં જવાબ આપો. (૧૦ x ૧ = ૧૦ marks)

1 Q. States of matter (3) + examples.

A: \_\_\_\_\_

2 Q. Photosynthesis equation.

A: \_\_\_\_\_

3 Q. Difference: herbivore vs carnivore.

A: \_\_\_\_\_

4 Q. 3 functions of root.

A: \_\_\_\_\_

5 Q. Solar system bare 5 planets.

A: \_\_\_\_\_

6 Q. Water cycle 4 stages.

A: \_\_\_\_\_

7 Q. Solid + liquid + gas examples.

A: \_\_\_\_\_

8 Q. Body senses 5 - names.

A: \_\_\_\_\_

9 Q. Day + night - cause.

A: \_\_\_\_\_

10 Q. Renewable energy sources 3.

A: \_\_\_\_\_

## SECTION C - Reading Comprehension

10 marks

## પાઠ વાંચો (Read the Passage)

## Passage:

Solar System: આપણા solar system માં ૮ planets છે. Mercury સૌથી નજીક sun ને. Venus બીજો. Earth ત્રીજો - જીવન છે. Mars ચોથો - red color, "red planet". Jupiter સૌથી મોટો - ૭૯ moons. Saturn rings + ૮૨ moons. Uranus + Neptune - દૂર + ઠંડા. Pluto ૨૦૦૬ માં planet status removed - dwarf planet.

## પ્રશ્નો (Questions) - 10 marks (5 × 2)

1 Q. Planets total?

A: \_\_\_\_\_

2 Q. Earth which planet?

A: \_\_\_\_\_

3 Q. Largest planet?

A: \_\_\_\_\_

4 Q. Red planet?

A: \_\_\_\_\_

5 Q. Pluto status?

A: \_\_\_\_\_

## SECTION D - Writing Tasks

15 marks

નીચે દિ ગયેલા writing tasks complete કરો. માળખું + content + creativity - બધાં મહત્વ ના.

**Task 1 (7 marks):**

Draw + label parts of plant.

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**Task 2 (8 marks):**

Explain water cycle with diagram.

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**સામાન્ય ભૂલો (Common Mistakes to Avoid)**

આ ભૂલો practice + reflection થી દૂર કરી શકાય:

- |                   |                            |
|-------------------|----------------------------|
| ✗ Vague diagrams  | ✓ Neat + labeled           |
| ✗ Spelling errors | ✓ Practice technical terms |
| ✗ Skip examples   | ✓ Always give examples     |

**Cross-Curricular Connections**

આ test ના topics other subjects સાથે connect:

- > **Math:** Calculations + measurements
- > **Geography:** Earth + climate
- > **Art:** Diagrams + labeling

**ચર્ચા પ્રશ્ન (Discussion Question)****Test પછી reflect કરો:**

Science fact discovery - how exciting?

**Bonus Challenge (+5 marks)**

આ test વિશે પોતાનો opinion 3 વાક્ય માં લખો - શું સહેલું હતું, શું અઘરું, શું શીખ્યું.

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✓ ANSWER KEY + MARKING SCHEME

**Section A.1 - MCQ (5 marks):**

1. Q1 → (c) Leaves
2. Q2 → (b) ડ
3. Q3 → (c) ૧૦૦°C
4. Q4 → (c) Jupiter
5. Q5 → (b) Blood

**Section A.2 - T/F (5 marks):**

1. 1. False
2. 2. True
3. 3. True
4. 4. False
5. 5. True

**Section A.3 - Fill (5 marks):**

1. 1. Mt Everest
2. 2. ૨૦૬
3. 3. wind/butterflies
4. 4. ૩૬૫
5. 5.  $3 \times 10^8$  m/s

**Section B - Short Answers (10 marks):**

1 mark per question. Refer textbook + class notes.

**Section C - Comprehension (10 marks):**

1. 1. ડ
2. 2. ચીજો
3. 3. Jupiter
4. 4. Mars
5. 5. Dwarf planet

**Section D - Writing (15 marks):**

Marking: Structure (5) + Content (5) + Language (5)

**Marking Scheme Distribution:**

<b>Section A (Objective):</b>	15 marks	~10 minutes
<b>Section B (Short Answer):</b>	10 marks	~10 minutes
<b>Section C (Comprehension):</b>	10 marks	~10 minutes
<b>Section D (Writing):</b>	15 marks	~10 minutes
<b>Bonus (Reflection):</b>	+5 marks	~5 minutes

**Total: 50 marks + Bonus 5 = 55 | Duration: 40 min**

**PERFORMANCE TIPS (પ્રદર્શન યુક્તિ)**

- Test ના ૧ સપ્તાહ પહેલાં revision schedule
- Daily 30 min topic-wise study
- Mock tests practice 2-3 weekly
- Mistakes journal - common errors track
- Sleep + healthy food test day પહેલાં

**EXAM-DAY STRATEGY (પેરન્ટ્સ + ટીચર્સ માટે)**

- Test type (Unit Test) ની strategy અલગ
- Pressure handle - breathing exercises
- Time-per-section follow strictly
- Easy questions first - confidence build
- Review answers - 5 min બાકી રાખો

**આજ ના test નો key takeaway:**

Observe daily - science around you.

**CERTIFICATE OF COMPLETION****સફળતા પ્રમાણપત્ર**

This is to certify that

\_\_\_\_\_

(Student Name)

has successfully attempted

**વિજ્ઞાન Practice Test (Science Practice Test)**

Std 5 Test - Unit Test • Score: \_\_\_/50

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Parent / Guardian

\_\_\_\_\_

Teacher / Date