

TG SSC Public Examination
Physical Science Model Paper 2026
(English Medium)

Time: 1 Hr. 30 Min.

PART - A & B

Max.Marks: 40

- Instructions:**
- 1) Read the question paper carefully and understand.
 - 2) Answer the questions under Part-A in the answer sheet provided.
 - 3) Part-A contains three Sections (I, II, III).
 - 4) Part-B answers should be written in the given brackets and attach it to the Part-A answer sheet.
 - 5) Write the answers following instructions given in each section.

Time: 1 Hr. 15 Min.

PART - A

Marks: 30

SECTION - I

Instructions: i) Very short answer questions.

ii) Answer All questions.

iii) Write the answers in 3 - 4 sentences.

iv) Each question carries 2 marks.

$3 \times 2 = 6$

1. Write your two observations while observing different types of images formed by a concave mirror.
2. Imagine what would have happened if the lens were not found?
3. What are the various phenomenon involved in formation of rainbow with a water drops?

SECTION - II

Instructions: i) Short answer questions.

ii) Answer All questions.

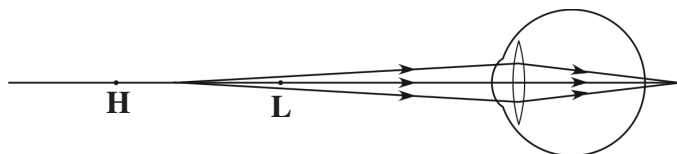
iii) Write the answers in 5-6 sentences.

iv) Each question carries 4 marks.

$3 \times 4 = 12$

4. Balance the following equations.
 - i) $\text{BaCl}_2 + \text{H}_2\text{SO}_4 \longrightarrow \text{BaSO}_4 + \text{HCl}$
 - ii) $\text{Cu}_2\text{S} + \text{O}_2 \longrightarrow \text{Cu}_2\text{O} + \text{SO}_2$
5. What are the uses of plaster of paris?

6. Observe the figure and answer the following questions.



- i) What type of vision defect is it?
- ii) What do the letters H and L refer to?
- iii) What is the reason for this defect?
- iv) Draw the figure showing the corrections to the defect.

SECTION - III

Instructions: i) Essay type questions.

ii) Answer any Two questions.

iii) Write the Answers in 8-10 sentences.

iv) Each question carries 6 marks.

2 × 6 = 12

7. What are the apparatus required to experimentally prove the 'water of crystallization' of a salt, and describe the experimental procedure with a neat diagram.
8. Explain the principles used to explain the electronic configuration with one example each.
9. Draw the ray diagrams to represent the formation of images by a convex lens when the object is kept at various positions on a principal axis.