S.S.C. PUBLIC EXAMINATIONS - 2024

GENERAL SCIENCE - PAPER-I (Physical Science) MODEL PAPER

Time: 2 hrs

(English Version)

Max. Marks: 50

Instructions:

Ouestion paper consists of 4 sections and 17 questions.

2) Internal choice is available only for O.no.12 in section III and for all the questions in section IV.

In the duration of 2 hours, 15 minutes of time is allotted to read the question paper.

4) All answers shall be written in the answer booklet only.

Answers shall be written neatly and legibly.

SECTION - I

 $8 \times 1 = 8 M$

Note: 1) Answer ALL the questions.

2) Each question carries 1 mark.

- Convert 25° C into Kelvin scale.
- 2. Give an example for olfactory indicator.
- 3. From the data given in the table :

In which material medium light travels faster?

Material Medium	Air	Ice	Water	Diamond
Refractive Index	1.003	1.31	1.33	2.43



Which material medium is denser in the given figure?

- Draw a neat diagram of the shape of biconvex lens.
- Assertion 1 : Sky appears in blue colour due to the scattering of light.

Assertion 2: Blue colour has the longest wavelength among all colours of white light.

- A) Both the Assertions are true
- B) Both the Assertions are false

C) Only Assertion 1 is true

- D) Only Assertion 2 is true
- Imagine and write the element that exists in I group I period.
- 8. How do you appreciate the role of soap in daily life?

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Tao Wei

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