

Test / Exam Name: Light, Shadows And Reflection Standard: 6th

Subject: Science

Student Name:

Roll No.:

SECTION-C

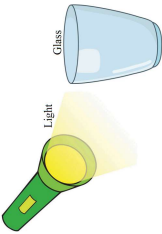
Questions: 20 Time: 01:00 hh:mm Marks: 30

Instructions

1. New Section on new page
2. Make sure to write in good handwriting
3. Read the questions properly.

SECTION-A

- Q1.** Shadows are formed only when the: 1 Mark
- A** Opaque body is in the path of the light.
B Transparent body is in the path of light.
C Translucent body is in the path of light.
D No object in the path of light.
- Q2.** Out of these, which one is not a man-made luminous body? 1 Mark
- A** Electric bulb. **B** Burning candle. **C** Firefly (Jugnu). **D** Oil lamp.
- Q3.** An example for the rectilinear propagation of light is: 1 Mark
- A** Formation of clouds
B Formation of day and night
C Formation of rainbow
D Formation of rain
- Q4.** An image is formed on a screen when: 1 Mark
- A** A transparent object is placed between the screen and the source of light
B An opaque object is placed between the screen and the source of light
C Both the above are correct
D None of the above is correct
- Q5.** There is no dark shadow formed by the glass when light is shone on it. This is because: 1 Mark

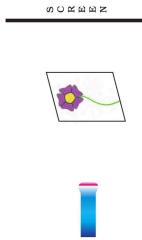


- A** It is not night time yet. 1 Mark
B The light is not strong enough.
C The glass is a transparent object. 1 Mark
D The distance between glass and screen is very large.
- Q6.** When screen is far away from the objects, the shadow will have no penumbra. True/ False 1 Mark
- Q7.** Objects around us seem to have different ways in which they interact with light. True/ False 1 Mark
- Q8. Assertion (A):** In cars the windshields made of glass are used. 1 Mark
- Reason (R):** Those substances through which things can be seen clearly are called transparent substances.
- A** Both A and R are true and R is the correct explanation of A. 1 Mark
B Both A and R are true but R is not the correct explanation of A.
C A is true but R is false.
D A is false but R is true.

- Q9.** We can see our face in mirror because mirror _____ our face. 1 Mark
- Q10.** Fill in the blanks with appropriate words: 1 Mark
 An object or material could be opaque, transparent, translucent or _____.
- Q11.** Whether a shadow is two-dimensional or three-dimensional? 1 Mark
- Q12.** Define opaque objects with example. 1 Mark
- Q13.** Classify the following into transparent, opaque and translucent objects: 1 Mark
 Wax, spectacles, a heap of salt, a stone, dense smoke, wood, skin, balloon, rubber, membrane of a tabla, blood and milk.

SECTION-B

- Q14.** In Fig. a flower made of thick coloured paper has been pasted on the transparent glass sheet. What will be the shape and colour of shadow seen on the screen? 2 Marks



- Q15.** What is the difference between luminous and non luminous objects? 2 Marks