



INDIAN SCHOOL MUSCAT
MIDDLE SECTION



SUBJECT: SCIENCE

REVISION WORKSHEET #9

TOPIC: LIGHT

STD VIII

RESOURCE PERSON: Ms. PREETHA VINOD

DATE: /10/18

Name of the student _____ Sec _____ Roll no _____

Q1. The distance between an object and its image formed by a plane mirror appears to be 24cm. What is the distance between the mirror and the object? State any two characteristics of the image formed.

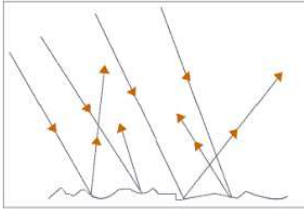
Q2. The angle between the incident ray and reflected ray is 60° . What is the value of the angle of incidence?

Q3. How many times does a ray of light get reflected when two plane mirrors are placed parallel to each other?

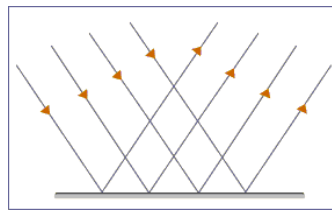
Q4. What happens to light when it is passed through a prism?

Q5. How many kinds of nerve endings are found in human eye? What are their functions?

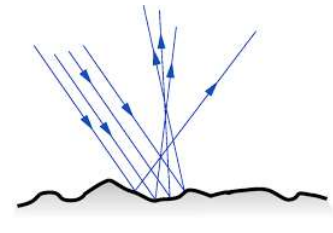
Q6.Light is falling on surface S1, S2 &S3 as shown in figure below. In which of the surfaces, the angle of incidence is equal to the angle of reflection?



S1



S2



S3

Q7. Eyes of nocturnal birds have large cornea and large pupil. How does this structure help them?

Q8. Why does the eyesight become foggy in old age? How can this defect be removed?

Q9. Differentiate between Reflection and Refraction of light.

Q10. Neena while waving her hand in front of her eyes observes that her fingers appear blurred. What could be the reason for this?

Q11. Write the function of the eyelids.
