

# KENDRIYA VIDYALAYA SITAPUR SHIFT-1

PT-2

CLASS -8

SUBJECT- SCIENCE

DATE-----

TIME 90 MINUTE

MM-40

MCQ- (1X5=5)

Q.1 Which of the following does not conduct electricity?

- (a) Sugar solution (b) Vinegar solution (c) Lemon juice solution (d) Caustic soda solution

Q2. Electroplating is based on

- a) heating effect of electricity(b) chemical effect of electricity(c) physical effect of electricity(d) magnetic effect of electricity

Q3. Name the type of mirror used as a back view mirror.

- (a) Plane mirror (b) Concave mirror (c) Convex mirror (d) Any of these

Q.4The splitting of white light into its seven constituent colours is called

- (a) refraction (b) dispersion (c) deviation (d) reflection.

Q.5. The amount of light entering the eye is controlled by

- (a) eye lens (b) cornea (c) iris (d) ciliary muscle

Q6. Fill in the blanks in the following:

- (a) A person 1 m in front of a plane mirror seems to be \_\_\_\_\_m away from his image.  
(b) If you touch your \_\_\_\_\_ ear with right hand in front of a plane mirror it will be seen in the \_\_\_\_\_ mirror that your right ear is touched with\_\_\_\_\_.  
(C)The electrical charges generated by rubbing two object is \_\_\_\_\_ electricity.  
(D) The electrical charges can be transferred from a \_\_\_\_\_ object to another through a \_\_\_\_\_ conductor.  
(e)A person 1 m in front of a plane mirror seems to be \_\_\_\_\_ m away from his image

Q7 TRUE /FALSE (1X5=5)

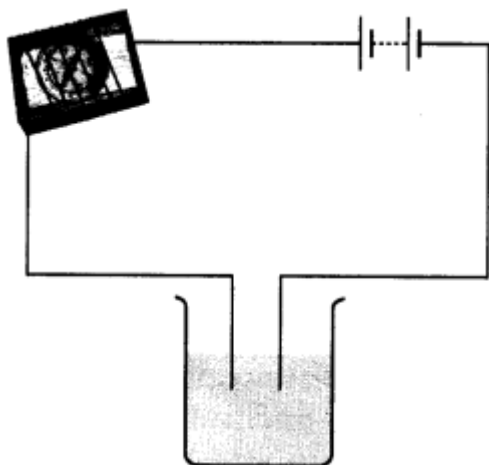
- (A) Deficiency of vitamin B causes night blindness.  
(B) Angle of incidence is always equal to angle of reflection.  
(C) Lightning conductor cannot protect a building from lightning.  
(D) Diffused reflection occurs due to rough surface.  
(E) Braille was designed by Louis Braille.

Q8. VERY SHORT ANSWER(1X5=5)

- (A) What is reflection?  
(B) What are the two natural calamities?  
(C) Name the two types of charges.  
(D) What is the full form of LED?  
(E) Which effect of current causes the bulb to glow?

Q9.SHORT ANSWER(2X5=10)

- (A) What are insulators or poor conductors?
- (B) State the two laws of reflection.
- (C) List the characteristics of an image formed in a plane mirror.
- (D) What is lateral inversion?
- (E) Name three liquids, which when tested in the manner shown in Fig. 14.5. may cause the magnetic needle to deflect.



#### Q10. CASE BASED QUESTION

An earthquake is a sudden shaking or trembling of the earth which lasts for a very short time. It is caused by a disturbance deep inside the earth's crust. Earthquakes occur all the time, all over the earth. They are not even noticed. Major earthquakes are much less frequent. They can cause immense damage to buildings, bridges, dams and people. There can be a great loss to life and property. Earthquakes can cause floods, landslides and tsunamis. A major tsunami occurred in the Indian Ocean on 26 December 2004. All the coastal areas around the ocean suffered huge losses.

QUESTION-(1X5=5)

- (A) Write the name of natural disaster.
- (B) When did Tsunami come in INDIA ?
- (C) What is earthquake?
- (D) what is the name of the instrument used for measuring earthquake?
- (E) Which state in India has earthquake?

LONG ANSWER-(5X2=10)

Q 11.(A) Write a short note on Braille system.

(B What safety measures should be taken during lightning and thunderstorm?)