

# TEST

Page No.

Date

11/07/2020

Ques 1 write the word AMBULANCE as it would appear when reflected in a plane mirror. what is this phenomenon called? (1)

Ques 2 what are the important differences b/w looking at a photograph of your face and looking at yourself in a plane mirror? (1)

Ques 3 A man stands 10 m in front of a plane mirror. How far must he walk before he is 5 m away from his image? (1)

Ques 4 which mirror is used as a torch reflector? Draw a labelled diagram to show how a torch reflector can be used to produce a parallel beam of light. where is the bulb placed in relation to the torch reflector? (3)

Ques 5 If the magnification of a body of size 1m is 2, what is size of image? (1)

Ques 6 At what distance from a concave mirror of focal length 10 cm should an object 2cm long be placed in order to get an erect image 6 cm tall? (3)



Ques 7 when an object is placed at a distance of 50 cm from a converging mirror, the magnification produced is  $-\frac{1}{2}$ . where should ~~be~~ the object be placed to get a magnification of  $-\frac{1}{5}$ ?

Ques 8 An object 5 cm high is placed at a distance of 10 cm from a convex mirror of radius of curvature 30 cm. Find the nature, position and size of the image.