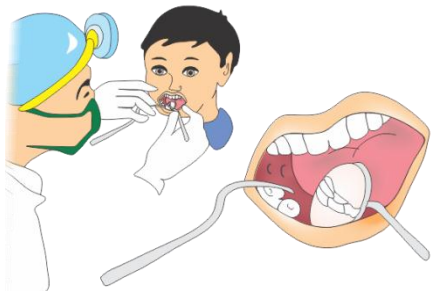


**Class: VII**  
**Subject: Physics**  
**Topic: Light**  
**No. of Qs: 20**

- Q 1. What is the difference between a concave and a convex lens?
- Q 2. Why concave mirrors are used as shaving mirrors?
- Q 3. If an object is placed at a distance of 10 cm in front of a plane mirror, how far would it be from its image?
- Q 4. The letter F is placed in front of a plane mirror. How would its image look like when seen in a mirror?
- Q 5. When is a rainbow observed in the sky?
- Q 6. Why is it not possible to obtain a virtual image on the screen?
- Q 7. Name some objects which emit light.
- Q 8. How does light travel?
- Q 9. What type of image is formed by a concave lens?
- Q 10. Identify the given diagram. Which mirror is used in this case?



- Q 11. How can a convex lens be used as a magnifying glass?
- Q 12. What is the difference between the image formed by a concave mirror and convex mirror?
- Q 13. What is a lens? Name two types of lenses.
- Q 14. Can an image formed by convex mirror be taken on screen? Give reason for your answer.
- Q 15. Diagrammatically show the converging and diverging lens.
- Q 16. How does light enable us to see an object?
- Q 17. Why concave mirrors are used by dentists?
- Q 18. Which part of spoon acts like a convex mirror?
- Q 19. What kind of image can never be obtained from a convex mirror?
- Q 20. What do the following figures indicate?

