



PHYSICS

NCERT - NCERT Physics(HINGLISH)

LIGHT, SHADOWS & REFLECTIONS

Questions

1. Rearrange the boxes given below to make a sentence that helps us understand opaque

objects.

OWS	AKE	OPAQ	UE O	BJEC	T SM
SHAD					



Watch Video Solution

2. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

Air



Watch Video Solution

3. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

water



Watch Video Solution

4. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a piece of rock





[Watch Video Solution](#)

5. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a sheet of aluminium



[Watch Video Solution](#)

6. Classify the objects or materials given below as opaque, transparent or translucent and

luminous or non-luminous:

a mirror



Watch Video Solution

7. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a wooden board



Watch Video Solution

8. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a sheet of polythene



Watch Video Solution

9. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a CD





[Watch Video Solution](#)

10. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

smoke



[Watch Video Solution](#)

11. Classify the objects or materials given below as opaque, transparent or translucent

and luminous or non-luminous:

a sheet of plane glass



Watch Video Solution

12. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

fog



Watch Video Solution

13. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a piece of red hot iron



Watch Video Solution

14. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

an umbrella





[Watch Video Solution](#)

15. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a lighted fluorescent tube



[Watch Video Solution](#)

16. Classify the objects or materials given below as opaque, transparent or translucent

and luminous or non-luminous:

a wall



Watch Video Solution

17. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a sheet of carbon paper



Watch Video Solution

18. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

the flame of a gas burner



Watch Video Solution

19. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a sheet of cardboard





[Watch Video Solution](#)

20. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a lighted torch



[Watch Video Solution](#)

21. A sheet of cellophane is a type of

A. Transparent Object

B. Non - Luminous Object

C. Both (a) and (b)

D. Luminous Object

Answer: C



Watch Video Solution

22. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

a wire mesh



[Watch Video Solution](#)

23. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

kerosene stove



[Watch Video Solution](#)

24. Classify the objects or materials given below as opaque, transparent or translucent

and luminous or non-luminous:

sun



Watch Video Solution

25. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

firefly



Watch Video Solution

26. Classify the objects or materials given below as opaque, transparent or translucent and luminous or non-luminous:

moon



Watch Video Solution

27. Can you think of creating a shape that would give a circular shadow if held in one way and a rectangular shadow if held in another way?





28. In a completely dark room, if you hold up a mirror in front of you, will you see a reflection of yourself in the mirror?

A. Yes

B.

C.

D.

Answer:



Watch Video Solution