



VIDYA BHARATI SCHOOL
OLYMPIAD WORKSHEET (JAN-2017)
SUBJECT:SCIENCE
GRADE : VIII

- 1** If the angle of incidence of light falling on a plane mirror is 30degree, what will be the angle of reflection?

| | |
|--------------|--------------|
| a) 90 degree | b) 60 degree |
| c) 30 degree | d) 0 degree |

- 2** When we stand in front of our dressing table, our left hand seems to be right and right seems to be left. This is called

| | |
|-----------------------------|----------------------|
| a) Left-right confusion | b) Lateral inversion |
| c) Up -side down phenomenon | d) mirage |

- 3** Light passing through a prism splits into seven colours. This is called

| | |
|---------------|----------------------|
| a) Dispersion | b) Dissolution |
| c) Division | d) None of the above |

- 4** Rainbow is a natural phenomenon showing

| | |
|---------------|---------------|
| a) Reflection | b) Deflection |
| c) Dispersion | d) Diversion |

- 5** In the retina of the eye, the area having no sensory cells is called

| | |
|-----------|---------------|
| a) iris | b) Blind spot |
| c) cornea | d) Dark spot |

- 6** If light falls perpendicularly on a plane mirror, what will be the angle in which it will be reflected?

| | |
|----------------|----------------|
| a) 45 degrees | b) 90 degrees |
| c) 180 degrees | d) 360 degrees |

- 7** Which of the following is not a luminous object?

| | |
|---------|---------------|
| a) sun | b) candle |
| c) moon | d) Tube light |

- 8** To make a kaleidoscope we require

| | |
|------------------------|-----------------------|
| a) Three plane mirrors | b) Four plane mirrors |
|------------------------|-----------------------|

Venus

- a) Appears 1-3 hours after sunrise or 1-3 hours after sunset
- b) Appears 1-3 hours before sunrise or 1-3 hours after sunset
- c) Appears 1-3 hours before sunrise or 1-3 hours before sunset
- d) Appears 1-3 hours after sunrise or 1-3 hours before sunset

19 Earlier we had 9 planets in our solar system of which one name has been eliminated as per IAU (2006). The planet is

- a) Uranus
- b) Neptune
- c) Pluto
- d) Earth

20 Light Year is

- a) Year full of light
- b) Year having light work
- c) Year which earth shall become lighter
- d) Distance travelled by light in 1 year

*For more practice material please click:www.brilliant.org;www.sofolympiadtrainer.com;

www.olympiadhelper.com