



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject :Physical science Answers ofWorksheet-1 Class -7**
- **Date : 11.05.2020**

- **Chapter: Light**

- **Answer the following questions (MCQ) : (1×15)**

- Question 1

Q. a reflection that occurs when parallel rays of light hit a smooth surface

answer choices

regular reflection

- Question 2

Q. straight lines that represent light waves

answer choices

rays

- Question 3

Q. a copy of an object formed by reflected or refracted rays of light

answer choices

image

- Question 4

Q. a reflection that occurs when parallel rays of light hit an uneven surface

answer choices

diffuse reflection

- Question 5

Q. a flat sheet of glass that has a smooth, silver-colored coating on one side

answer choices

plane mirror

- Question 6

Q. How does light travel from a source?

answer choices

In a straight line

- Question 7

Q. Which of the following electromagnetic waves has the longest wavelength?

answer choices

Infrared Waves

- Question 8

Q. Which of the following waves in the electromagnetic spectrum has the highest energy?

answer choices

Gamma Rays

- Question 9

Q. As wavelength decreases in the electromagnetic spectrum the frequency _____.

answer choices
increases

- Question 10
Q. Which of the following is an example of how we use infrared waves?

answer choices
thermal images

- Question 11
Q. Which color of light in the visible light spectrum has the most energy?

answer choices

Violet

- Question 12
Q. Exposure to small doses of ultraviolet rays are beneficial to people because ____.

answer choices
we then produce vitamin D

- Question 13
Q. Which type of electromagnetic waves is used to image bone?

answer choices
X-Rays

- Question 14
Q. Gamma Rays are very harmful to humans because ____.

answer choices
all the above options are correct

- Question 15
Q. Waves with the longest wavelength have the ____ frequency.

answer choices
lowest

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