

## **Revision sheet answers**

### **Science grade 5**

### **2<sup>nd</sup> Term (2020/2021)**

#### **Chapter 4**

1- A. object b. eyes c. beam d. Sun e. mirror f. image g. periscope h. absorb i. ray j. angle

2- 1 /a, 2/e, 3/a, 4/b, 5/c.

3- A. muddy water (absorb light)

Wood (absorb light)

Clear water (reflect light)

Mirror (reflect light)

B. A periscope is a device that uses mirror to allow a person to see over the top of something.

C. Two mirrors and two tubes

D. the Sun

The women can see the tree when the light from the Sun hits the tree and reflects from the tree to her eyes.

E. the natural light is the Sun and artificial light is a torch.

4- Mirror, image, mirror, reflects, mirror, image, in front.

5- It depends on surface type (smooth, rough)

## **Chapter 5**

Q.1 a. opaque, b. Sun, c. silhouette, d. translucent, e. transparent, f. block, g. torch, h. shadow, j. light meter

Q.2 a. straight, b. source – block, c. puppet, d. position, e. stick, f. prism, g. noon, h. translucent, j. evidence

Q.3 a) shortest, b) longest, c) shorter, d) shorter

Q.4 a shadow forms when the light from the source blocked by opaque object.

Q.5 a X, b X, c , d X, e , f ,

Q.6 a. A shadow forms when the light from the source blocked by opaque object.

b. Opaque is a material that does not let light through

c. Light intensity is the measure of the amount of light in an area.

d. A rainbow when the drops of water in the air that hit by light at a certain angle.

e. Refraction is the bending of light when it passes through a prism.

f. Candle power is the unit that use by people to measure light intensity.

## Chapter 6

Q.1

1- a. Sun in the middle. Earth orbits around the Sun. Moon orbits around the Earth.

The movement around the Earth around its axis called rotation.

The movement of Earth around the Sun called revolution.

b. Rotation

c. Revolution and the tilting of Earth's axis

Q.2

Astronomer, universe, telescope, appears, horizon, sunset.

Q.3

1) Rotation means an object moves around its axis.

2) The Sun

3) An optical telescope is an instrument that makes distance objects like star look bigger and brighter.

4) Because the Earth spins all the time on its axis.

5) Revolution

6) Stars are objects that give out light. Example the Sun

7) Planets are objects that reflect light. Examples Earth, Mars.

8) The globe is a model of the Earth.

9) The horizon is the line between the Earth and the Sky

10) 365  $\frac{1}{4}$  days

Q. 4

1- The solar system is made of the Sun and 8 planets move around it.

2- A comet is a mass of ice and dirt.

3- Asteroids are rocky objects that orbit the Sun.

4- Meteors when asteroids enter the Earth's atmosphere called meteors.

5) A galaxy is a large group of stars.