

Paper: Science _____

Month Test: 5th Term _____

Theme/Unit: _____

Objective/Subjective: _____

Name: _____



ID: _____

class: _____ Section: _____

Total Marks: __70__

Obt. Marks: _____

Weekly Test 10 __/____

Worksheets: __20__ / ____

Grand Total: _____

Q#1 Encircle the correct option. /30

1) Which of these is a type of potential energy?

(a) Light (b) Sound (c) Heat (d) Nuclear

2) Which of these is not a renewable energy?

(a) Solar (b) Wind (c) Fossil fuel (d) Tidal

3) Which of these is not part of gear train?

(a) Driving gear (b) Load (c) Idler (d) Driven gear

4) A _____ uses two plane mirrors to see object

(a) Microscope (b) Telescope (c) Periscope (d) Kaleidoscope

5) A line at right angle to the point of incidence is called?

(a) Ray (b) Normal (c) Reflected ray (d) Incident ray

6) Concave mirrors are _____ mirrors.

(a) Converging (b) Diverging (c) Complex (d) Simple

7) _____ is a toy made of plane mirrors.

(a) Microscope (b) Telescope (c) Periscope (d) Kaleidoscope

8) If you can see a clear image in water, then the reflection is _____

(a) Irregular (b) Regular (c) Diffused (d) Dispersed

9) Which of these is not a part of the middle ear?

(a) Malleus (b) Cochlea (c) Stapes (d) Incus

10) A human ear can hear the sound frequency upto _____?

(a) 10Hz -10,000Hz (b) 20Hz-20,000Hz

(c) 30Hz-30,000Hz (d) 40Hz-40,000Hz

11) Sound travel fastest in _____ ?

(a) Solid (b) Liquid (c) Gas (d) Vacuum

12) Speed of sound in air at 20° C is _____.

(a) 332m/s (b) 343m/s (c) 140m/s (d) 1482m/s

13) Mid point of spherical mirror is called _____.

(a) Focus (b) Pole (c) Center (d) Radius

14) Mirrors are of _____ types .

(a) One (b) Two (c) Three (d) Four

15) Speed of light in vacuum?

(a) 3×10^8 km/h (b) 3×10^8 m/s (c) 3×10^8 km/h (d) 3×10^8 km/s

Q#2 Answer the short questions. /12

a) Why are sprockets used?

b) What do you know about heat energy?

c) How does periscope work?

d) What are vibrations? How are they produced?

Question # 3. /12

a) Differentiate convex and concave mirror?

b) Differentiate between regular and diffused reflection?

c) Write the working of Bicycle?

Question # 4. /8

a) What do you know about absorption? /2

b) Define reflection of light? State the law of reflection ? Also tell about Incidence and reflected ray?
/6

Question No. 5 /8

a) Explain the human ear? Also draw and label it?
