

**GOVERNMENT HIGH SCHOOL NEELSANDRA[YG PALLYA]**

**9<sup>TH</sup> STANDARD SUMMATIVE ASSESMENT - 1 2018-19**

**MODEL SCIENCE QUESTION PAPER**

**TIME : 1.30 MIN**

**SUBJECT: SCIENCE**

**MARKS: 40**

**NAME:**

**ROOM**

**SUPERVISOR :**

**ANSWER THE FOLLOWING :**

**1 x 6 = 6**

**1. Matter is made up of -----**

**a. Large particles    b. Small particles    c. Very small particles    d. Very large particles**

**2. Solution is a homogenous mixture of ----- substances**

**a. two or more    b. 1 and 3    c. 5    d. All.**

**3. Protein synthesized inside the cell -----**

**a. nucleus    b. Chloroplast    c. Endoplasmic reticulum    d. Chromatin**

**4. xylem and phloem are types of -----**

**a. connective tissue    b. Epithelium tissue    c. Muscular tissue    d. Complex tissue .**

**5. The acceleration of an object is the change in ----- per unit time**

**a. velocity    b. Motion    c. Acceleration    d. Distance**

**6. Bee – keeping is done to get honey and -----**

**a. wax    b. Sweet    c. Sour    d. insects**

**II. Match the following :**

Sl no	A	B
1	CNG	Newton
2	LPG	In Hospital
3	Oxygen cylinder	Compressed Natural Gas
4	Weight	Liquid petroleum Gas
5		

$$1 \times 4 = 4$$

**III. Answer the following :**

1. What factors may be responsible for losses of grains during storage ?

2. What does the odometer of an automobile measure

3. Name type of simple tissues

4. Where do the lipids and proteins constituting the cell membrane get synthesized ?

$$1 \times 4 = 4$$

**IV. Answer the following :**

5. Convert the following temperature to the Celsius scale . [a] 293 K [b] 470 K

6. Mention the factors affecting the evaporation .

7. Mention the effects of force

8. What is the role of the Epidermis in plants ?

9. A stone of 1 kg is thrown with a velocity of 20 m/s per second across the frozen surface

Of a lake and comes to rest after travelling a distance of 50 m. What is the force of friction

Between the stone and the ice.

10. Compare the use of manure and fertilizers in maintaining soil fertilizer .

11. State the law of conservation of linear momentum.

12. Draw a label diagram of a Neuron.

13. An artificial satellite is moving in a circular orbit of radius 42250 km . Calculate its speed if it takes 24 hrs to revolve around the earth .

14. An egg sinks in fresh water but floats in highly salty water give reason.

15. Draw a neat diagram of plant cell and label the parts given

[a] Nucleus [b] Chloroplast [c] cytoplasm [d] Mitochondria

$$2 \times 8 = 16$$

$$3 \times 2 = 6$$

$$4 \times 1 = 4$$