

## **WORKSHEET NO - 01**

NAME :

CLASS : VI

CHAPTER: Introduction to Physics

GRADE:

SUB: PHYSICS

DATE:

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1. *Choose the correct answer:*

(i) *The systematic study of matter and energy is called*

- (a) *Zoology*
- (b) *Chemistry*
- (c) *Physics*
- (d) *Botany*

(ii) *Which branch of Science studies the composition and behavior of matter?*

- (a) *Zoology*
- (b) *Chemistry*
- (c) *Physics*
- (d) *Botany*

(iii) *A theory is*

- (a) *The same as a hypothesis*
- (b) *a rejected hypothesis*
- (c) *an accepted (tested) hypothesis*
- (d) *a hypothesis which has to be tested*

(iv) *The first step of scientific method is*

- (a) *Experimentation*
- (b) *working out a hypothesis*
- (c) *inference and generalization*
- (d) *identifying the problem*

**2. Fill in the blanks:**

(a) The systematic method of acquiring knowledge is called .....

(b) .....science deals with the phenomenon of living world.

(c) The word science is derived from the Latin word .....

(d) The word physics is derived from the Greek word.....

(e) Physics is divided into seven main branches:

- (i).....(ii).....(iii).....(i
- v).....(v).....(vi).....(vii).....
- .....

**3. Write true or false (T/F) against each of the following statements:**

(i) Physics is the systematic study of composition and behavior of matter.

(ii) The Telephone is the fastest means of communication.

(iii) Botany is the systematic study of matter and energy.

(iv) Physical science is divided into (a) Zoology and (b) Botany

(v) Sense of sight is not always reliable.

(vi) Nuclear radiations are highly dangerous to living beings.

(vii) Zoology is systematic study of matter and energy.