



## DAV HIGH SCHOOL NAGARJUNASAGAR



CLASS: 8

SUB: BIOLOGY

MATCH THE FOLLOWING. WRITE CORRECT NUMBER IN THE BOXES PROVIDED.

a. Geologist	<input type="text"/>	1. observes the behavior of different organisms living in different habitats
b. Biologist	<input type="text"/>	2. photographs stars, planets and distant galaxies
c. Geneticist	<input type="text"/>	3. draws data from weather balloons
d. Chemist	<input type="text"/>	4. studies the living organisms
e. Physicist	<input type="text"/>	5. develops high yielding fruit plants and crops
e. Astrophysicist	<input type="text"/>	6. finds how characters pass from one generation to another
f. Climatologist	<input type="text"/>	7. observes the rate of one chemical reaction at different temperatures
g. Plant scientist	<input type="text"/>	8. studies the distribution of fossils and minerals in the Earth's crust
h. Ecologist	<input type="text"/>	9. studies relationship between matter and energy

### FILL IN THE BLANKS

1. The word science comes from the Latin word “scientia”, means \_\_\_\_\_.
2. \_\_\_\_\_ help scientists to plan and conduct an activity.
3. A possible answer that can be tested is called \_\_\_\_\_.
4. \_\_\_\_\_ are factors that can affect the outcome of the investigation.
5. Thinking tools used by scientists to find to find answer to a question or to do an experiment are called \_\_\_\_\_.
6. \_\_\_\_\_ is an organized study of knowledge which is based on experimentation.

### ARRANGE THE STEPS OF SCIENTIFIC METHOD IN PROPER ORDER AND WRITE THE ORDER IN THE BOXES PROVIDED.

- i. Conduct the experiment
- ii. Form a hypothesis
- iii. Observe and ask questions
- iv. Draw conclusions and communicate results
- v. Plan and experiment