



DAV HIGH SCHOOL NAGARJUNASAGAR



CLASS: 8

SUB: BIOLOGY

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

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| 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

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