

1. Natural vs Artificial



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|-------------------|-----------|----------|--------------|---------|
| A. 1. (iii) | 2. (i) | 3. (iii) | 4. (i) | 5. (ii) |
| B. 1. T | 2. F | 3. T | 4. F | 5. T |
| C. 1. Human-made | 2. Humans | 3. Food | 4. Decisions | |
| 5. Natural things | | | | |

COMPETENCY-BASED QUESTIONS

- The bird is natural and the plane is artificial.
- Artificial Intelligence.

CASE STUDY

- Natural things grow in nature, like the trees and plants in the garden. Artificial things are made by people, like the benches or pathways.
- Natural thing: Tree Artificial thing: Bench
- Natural things like trees give us air, food and shade, while artificial things, like benches, make life easier and help us sit and rest. Nature helps us live and human-made things help us learn and grow.

2. Natural and Artificial Intelligence



- A. 1. (ii) 2. (iv) 3. (iii)

4. Move Like a Robot: Coding Basics with Rodocodo



- A. 1. (ii) 2. (i) 3. (ii) 4. (i) 5. (iii)
B. 1. T 2. F 3. T 4. T 5. F
C. 1. Coding 2. Blocks 3. Movement 4. Command 5. Complete

COMPETENCY-BASED QUESTIONS

1. Delete button
2. Play button

5. Conductors, Insulators & Circuit Logic



- A. 1. (ii) 2. (iii) 3. (iii) 4. (iii) 5. (i)
B. 1. T 2. F 3. T 4. F 5. T
C. 1. Separate 2. Voltmeter 3. Label 4. Electricity 5. Switch

COMPETENCY-BASED QUESTIONS

1. The bulb glows only with the metal spoon because metal is a conductor of electricity whereas plastic is an insulator.
2. Riya's house uses a parallel circuit.