ANSWER KEY
Artificial Intelligence

1. Evolution of Computers

Ai Task (Page 12)

Do it yourself.

Ai Reboot (Page 15)

1. Laptop   2. Fingers   3. Desktop Computer   4. IBM

Ai Quiz

(This question was printed incorrectly in the book, please correct it in your textbook)

(**Ques 1...... Which of these was not used by the early men for counting?**)

Ans. 1. a

    2. c

    3. d

Exercise

A. 1. ENIAC   2. UNIVAC   3. smartphone

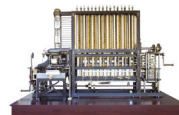**B.** 1. True   2. True   3. False

C.

④   ③   ②   ①

D. 1. Universal Automatic Computer

    2. Lady Ada Lovelace was the first computer programmer.
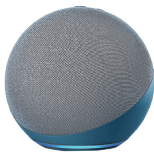
2. Artificial Intelligence

🧠 Ai Task (Page 20)

Do it yourself.

🤖 Ai Reboot (Page 23)

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Ai Quiz

1. b   2. b   3. a

Exercise

A. 1. Robots   2. Think   3. YouTube

B. 1. True   2. False   3. False

C. 1. c   2. a   3. b

D. 1. Artificial intelligence, or "AI," refers to a computer's ability to think and learn.

2. Two real-life examples of AI are Google Assistant and Face Lock

🤖 Ai In Life

Do it yourself

3. AI-Enabled Devices

🧠 Ai Task (Page 29)

Do it yourself

🤖 Ai Reboot (Page 32)

1. Smart Doorbell   2. Smart TV   3. Chatbot   4. Smart Watch

1. b   2. a   3. a

Exercise

A. 1. Smart speaker   2. Smart TVs   3. Smart doorbell

B. 1. False   2. False   3. True   4. False

C.

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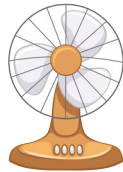
D. 1. Chatbot is an AI application used to make an online chat conversation.

2. (This question was printed incorrectly in the book, please correct it in your textbook)

   What is a driverless car?

   Ans. A driverless or self-driving car uses AI to travel between destinations without human help.

Δi In Life

Do it yourself

4. Introducing Robots

Ai Task (Page 40)

1. Aibo
2. Robear

Ai Quiz

1. a 2. a

Exercise

A. 1. Mitra 2. Dog 3. Robear 4. Robot

B. 1. b 2. c 3. e 4. a 5. d

C. 1. False 2. False 3. True

D. 1. Two advantages of robots are as follows:
   - Robots never get bored.
   - Robots can keep doing the same thing repeatedly.

2. Robear, CyberDog

Ai Ready (Page 46)

A. 1. a 2. a

B. 1. ENIAC, UNIVAC and IBM PC

2. **Aibo:** A lovable robotic dog whose personality and behaviour changes with time. It has the ability to identify its owner's face, pick up smiles and compliments, and learn new skills.

Mitra: It is a five feet tall humanoid Indian robot that can converse intelligently with people. It can speak, recognise faces, and provide relevant guidance