

2. Deeper Dive into AI Applications



CODE



DECODE



- A.** 1. a) 2. b) 3. d) 4. b) 5. a)
- B.** 1. decompose 2. analyse 3. degradation
4. assistants 5. Navigation
- C.** 1. T 2. F 3. T 4. T 5. F
- D.** 1. AI 2. Forecasting 3. Sorting 4. Imaging 5. Ayushman Bharat
- E.** 1. AI helps in smart homes by automating everyday tasks, improving comfort, increasing security and saving energy.
2. Predictive healthcare uses data from various sources, such as medical records, lab reports, wearable devices, lifestyle habits and even family history, to forecast potential health issues and risks.
3. AI helps in environmental protection by tracking pollution, monitoring deforestation, studying animal movements, and predicting weather changes. It aids in taking timely actions to address environmental issues such as plastic pollution and air quality problems.
4. AI has improved agriculture by automating tasks like irrigation, sowing and fertilisation. It helps farmers monitor crops, predict weather patterns and optimise resource use, leading to better yields and more sustainable farming practices.
5. AI helps in air quality management by analysing data from sensors and weather conditions to predict pollution levels. It helps authorities take actions like adjusting traffic signals, restricting vehicles in polluted areas, and advising schools on outdoor activities.

THINK & APPLY

Do it Yourself