Chapter 2

AI in Industries

CT & AI

CODE DECODE

A. 1. c) 2. d) 3. a) 4. a) 5. b)

B. 1. Virtual assistants 2. systems 3. fastest 4. Khan academy 5.Industries

C. 1. T 2. F 3. T 4. F 5. T

D. 1. Virtual tutors
2. Virtual assistant or Chatbots
3. Sensors
4. Secondary industry
5. X-rays and scans

E. 1. AI optimises public transport schedules by predicting passenger demand and adjusting timings, reducing delays and overcrowding.
2. The tertiary industry provides services rather than goods. This includes sectors such as healthcare, education, banking, transportation and retail.
3. AI improves sound and video quality, reduces background noise and provides live captions and real-time translation. These features make communication clearer and more effective.
4. AI-powered learning apps help students who find subjects like mathematics difficult by providing simpler explanations and additional practice problems. These apps cater to students of all learning levels, allowing those who learn quickly to progress at a faster pace while also offering support for those who need more time to understand the concepts.
5. These devices alert users if any abnormal readings are detected, prompting them to visit a doctor and ensuring that immediate attention is given when needed.

THINK & APPLY

Do it yourself.