

TEXTUAL EXERCISES

8



Applications of AI

Learning Outcomes

- ✓ Smartphone
- ✓ Smartwatch
- ✓ Smart TV
- ✓ Driverless Car
- ✓ Smart Speaker
- ✓ Chatbot
- ✓ Smart Doorbell



QUEST



Technology Literacy

Rearrange the letters to get the names of the smart AI devices:

1. SMRAT RBDOELLO
2. MARTS VT
3. OTCATHB
4. SMWATCHART

SMART DOORBELL

SMART TV

CHATBOT

SMART WATCH

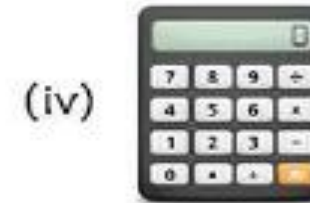
EXERCISE

A. Tick (✓) the correct option.

1. Which of the following combines the function of a mobile phone and a computer?

☐☐☐

2. Which of the following can monitor your heartbeat?

☐☐☐

3. Which of the following is a device that accepts our voice commands to play music?

☐☐☐

B. Fill in the blanks using the words given below.

★ Smart TVs ★ Driverless car ★ Smart doorbell

1. **DRIVERLESS CAR** has sensors and cameras that enable it to drive independently.
2. **SMART TVs** are AI-enabled TVs and can perform many tasks.
3. **SMART DOORBELL** is an AI enabled doorbell that informs the home owner on their mobile when a visitor arrives at the door.

C. State whether these statements are true or false.

1. Smart TV allows its users to play music using Internet.
2. Smart speakers are unable to make phone calls.
3. Chatbots are very commonly used by companies like Amazon.
4. Smart watches cannot track heart beat.

TRUE

FALSE

TRUE

FALSE

D. Answer the following questions:

1. List any three tasks of a smartphone in which AI is used.

1. Face recognition 2. Voice Assistants 3. Games

2. What is smart video doorbell?

It is an AI-enabled doorbell that informs the home owner on their mobile when a visitor arrives at the door.

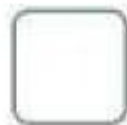


FUN ZONE



Technology Literacy
Critical Thinking

Tick (✓) the devices that are AI-enabled.



Competency-based/Application-based questions



Experiential Learning
Information Literacy

1. Ashu is using a portable device that he unlocks with his face and it updates him regarding the bad weather. Write the name of the smart device that Ashu is using. **SMART PHONE**
2. Mr. Anand is passionate about travelling, but he is now too old to drive a car by himself. Which application of AI would you suggest him so that he can still travel?

Driverless Car



THANK YOU