Ch: 5 Internet- Surfing & Security, Ch:8 Artificial Intelligence in Smart Homes

Q-1 Tick the (✓) correct answers.

1. What is internet?

a) **A single network**   b) **A vast collection of different networks**

c) Interconnection of local area networks

2. When was ARPANET launched?

a) 1947   **b) 1969**   c) 1995

3. When and when Internet was launched in India?

a) 15, August 1947   b) 26, January 1950   **c) 15, August 1995**

4. A Modem is a _____

a) Code changing system   **b) Modulator De-modulator System**   c) Program Conversion

5. To join the internet, the computer has to be connected to a _____.

a) Internet architecture board   b) Internet society   **c) Internet service provider**

6. Who is the father of www?

a) Tim-Berners-Lee   b) Vint Cerf   c) Charles Babbage

7. _____is a brand new and fast Web browser in Windows 10.

a) Internet Explorer   b) Xbox   **c) Microsoft Edge**

8. Software that allows users to view the webpage is called _____

a) Website   **b) Browser**   c) Interpreter

9. _____ is a program that searches through the collection of web pages for a particular information.

a) Search Engine   b) Browser   c) ISP

10. The first page of the website is called _____

a) Home page   b) Master page   c) First page

11. What does AI stands for?

a) Artificial Intelligence   b) Artificial Insects   c) Amazing Internet

12. What does a smart home do?

a) Watches TV for you   **b) Helps with daily tasks automatically**   c) Does your homework

13. What can a voice assistant do?

a) Help you make a sandwich   **b) Respond to voice commands**   c) Clean your room

14. Which of these is a benefit of using AI in a smart home?

a) It makes more noise   **b) It helps save energy and increases safety**   c) It uses more electricity

15. Which of these devices might use AI in a smart home?

a) A calculator   **b) A refrigerator that tells you when food is running low**   c) A regular clock

16. Which of these devices often uses AI in a smart home?

a) A regular light bulb   **b) A voice assistant like Alexa or Google Assistant**   c) A regular radio

17. What can a smart security camera do?

a) Clean the house   **b) Keep a lookout for unusual movements and send alerts**   c) Play music

Q-2 Fill in the blank.

1. **Address** bar is used to type the URL of a web page.

2. **Google chrome** browser is developed by Google.

3. **Hub** is the page where Edge keeps things you collect on the web.

4. **Antivirus** software is used to detect and remove viruses from computer.

5. **ARPANET** was the first network of the computer.

6. **Internet** is the largest network that links millions of computers across the world.

7. Smart Homes use AI to make life **easier** and more **comfortable**.

8. LUIS stands for **Language Understanding Service**.

9. Using Siri/Alexa we can change the light colour of bulb by giving **voice** commands.

10. Main goal of AI is to copy **human intelligence**.

Q-3 Write True or False.

1. WhatsApp is used to send text messages, photos, make voice and video call also.   **True**

2. Mosaic is the first graphical web browser.   **True**

3. You should send your personal details on internet without your parents' permission   **False**

4. A company which provide internet service with a fee is known as ISP.   **True**

5. Moving from one website to another is called surfing.   **True**

6. AI in smart homes can learn your habits and make decisions for you.   **True**

7. Alexa is an online shopping app.   **False**

8. AI in a smart home can help you find your lost keys.   **False**

9. AI can help control the lights, temperature, and security in a smart home.   **True**

10. Smart homes with AI can work without any internet connection.   **False**

Q-4 Write the full form of the following:

1) **INTERNET:** **Inter- Connected Network**	
2) **ARPANET:** **Advanced Research Project Agency Network**	
3) **ISP:** **Internet Service Provider**	
4) **WWW:** **World Wide Web**	
5) **Modem:** **Modulator De-Modulator**	
6) **URL:** **Uniform Resource Locater**	

Q-5 Identify and write the name of the following smart home products.

Alexa	**Smart Camera**	**Smoke Sensor**	**Smart Lock**	**Smart Bulb**