

D.A.V. SCHOOL
(Affiliated to C.B.S.E. New Delhi)
Sree Nandeeswarar Campus, Adambakkam, Chennai-88
HOME TEST – 1 2021-2022
ARTIFICIAL INTELLIGENCE

CLASS: IX
Duration : 1 Hr

Max.Marks:30

I.Choose the correct option:

1.The characteristics of the computer system capable of thinking , reasoning and learning is known as _____.

- A. Machine intelligence**
- B. Human intelligence**
- C. Artificial intelligence**
- D. Virtual intelligence.**

2. A major thrust of AI is in the development of computer functions associated with human intelligence.

- A. TRUE**
- B. FALSE**
- C. AI is not associated with human intelligence**
- D. None of the above**

3. Which of the following is an application of AI?

- A. Gaming**
- B. Expert Systems**
- C. Vision Systems**
- D. All of the above**

4. A computer program with AI cannot answer the generic questions it is meant to solve.

- A. TRUE**
- B. FALSE**
- C. AI is not used to answer question**
- D. None of the Above**

5. What are the main goals of AI?

- A. To Create Expert Systems**
- B. To Implement Human Intelligence in Machines**
- C. Both A and B**
- D. None of the Above**

6. Available 24X7 is an _____ of AI.
- A. disturbance
 - B. advantage
 - C. drawback
 - D. None of the above.
7. In virtual shopping _____ assists in having real time engagement with customers.
- A. Chatbot
 - B. Social media
 - C. Automated door
 - D. GPS
8. ANI specialises in one area and solves one problem.
- A. True
 - B. False
9. _____ is the ability to understand the root cause of the issue and to solve the issue.
- A. Learning
 - B. Problem solving
 - C. Reasoning
 - D. Decision making.
10. 'Machines that Think ' book was written by _____.
- A. Alan Turing
 - B. John McCarthy
 - C. Edmund Berkeley
 - D. Geoffrey Hinton
11. How many types of AI are there?
- A. 2
 - B. 4
 - C. 3
 - D. 1
12. Advanced robots is an example of _____.
- A. Weak AI
 - B. Strong AI
 - C. Medium AI
 - D. General AI

13. A washing machine is an example of _____.

- A. AI**
- B. Automation**
- C. AI Powered**
- D. IoT**

14. ASI stands for

- A. Artificial Super Intelligence**
- B. Artificial sub intelligence**
- C. Agricultutal support instutions**
- D. Additional skill Identifier**

15. The period of AI Winters is between _____.

- A. 1940s to 1960s**
- B. 1950s to 1970s**
- C. 1960s to 1980s**
- D. 1970s to 1990s**

II .Answer the following: (3)

16. Which was the first text-based chatbot to demonstrate the communication between Humans and Machines?

17. Write about Sophia.

18. What is special about IBM's Deep Blue?

III. Answer the following: (4)

19. Write about 'Turing test'.

20. List the advantages of AI.

IV. Answer in brief: (8)

21. Explain the types of intelligence.

22. Write about any four applications of AI.