Artificial Intelligence — real board questions: practice sheet

Every question is from a past CBSE board paper; the year is shown with each.

Section A: 20 MCQs × 1 mark | Section B: 10 questions | Answer key: last page

Section A — Multiple-choice questions

1. Identify the imperative sentence : **[CBSE 2026]**
(A) Shut the front door. (B) She is talented artist.
(C) Are you feeling better ? (D) You were amazing !

2. Which stage of the AI Project Cycle involves testing the model on newly fetched data ? **[CBSE 2026]**
(A) Data Exploration (B) Modelling
(C) Evaluation (D) Deployment

3. Breaking down big goals into smaller parts will make the goal _____. **[CBSE 2026]**
(A) specific (B) measurable
(C) achievable (D) realistic

4. What should a strong password consist of ? **[CBSE 2026]**
(A) Only letters
(B) Numbers and special characters
(C) Name of a person
(D) Letters, numbers and special characters

5. What is the range of possible pixel values in a byte image format ? **[CBSE 2026]**
(A) 0 to 100 (B) 0 to 255
(C) 1 to 256 (D) -128 to 127

6. Right clicking on File or Folder opens **[CBSE 2023]**
(A) Main Menu (B) Shortcut Menu
(C) Back Menu (D) Front Menu

7. Choose the option which is NOT a Sustainable Development Goal according to United Nations. **[CBSE 2026]**
(A) Population (B) No poverty
(C) Quality education (D) Reduced Inequalities

8. The concept of ____ is used to apply face filters on various social media platforms. **[CBSE 2024]**
(A) NLP (B) Computer Vision
(C) Data Science (D) Block chain Technology

9. Email filters, spam filters, smart assistants are the examples of : **[CBSE 2023]**
(A) Pocket Assistants (B) CV
(C) NLP (D) Evaluation

10. Which of the following types of communication takes place when the number of people is small enough to communicate with each other effectively ? **[CBSE 2025]**
(A) Interpersonal communication (B) Public communication
(C) Intrapersonal communication (D) Small group communication

11. Which AI domain would be most suitable for developing a price comparison website ? **[CBSE 2026]**
(A) Computer Vision (B) Natural Language Processing
(C) Statistical Data (D) Robotics

12. Which of the following is a quality of successful entrepreneurs ? **[CBSE 2024]**
(A) Hard working (B) Resistance to change
(C) Lazy (D) Less-confident

13. Spam means- **[CBSE 2025]**
(A) Unnecessary images (B) Temporary files
(C) Junk mails (D) Music files

14. In Supervised learning, what is the purpose of the testing dataset ? **[CBSE 2026]**
(A) To train the model.
(B) To evaluate the accuracy of the model.
(C) To create new features.
(D) To label the data.

15. Stress management is vital because it leads to following benefits : **[CBSE 2023]**
(A) Improves mood (B) Boosts immune system
(C) Promotes longevity (D) All of the above

16. In Computer Vision, which of the following tasks is used for single object ? **[CBSE 2025]**
(A) Object Detection (B) Classification + Localization
(C) Instance Segmentation (D) Non-Localization

17. Which type of chat bot requires coding and works on bigger databases directly ? **[CBSE 2026]**
(A) Script bot (B) Smart bot
(C) Traditional bot (D) Rule-based bot

Model answers to Section B, mark by mark — with Medha Ma'am on AskMedha: askmedha.com/cbse

Questions from the chapter pages on askmedha.com, taken from CBSE's real papers. Key as per the board.

Artificial Intelligence — real board questions: practice sheet (continued)

Section A — Multiple-choice questions

18. Which learning approach would be most suitable for training an AI model to park a car correctly? **[CBSE 2026]**

(A) Supervised Learning
(B) Unsupervised Learning
(C) Transfer Learning
(D) Reinforcement Learning

19. Which of the following is not a key element of self-management skills ? **[CBSE 2024]**

(A) Prioritising your work
(B) Not taking feedback
(C) Goal setting
(D) Staying updated about new practices

20. In a fire alarm system, if the model predicts "Fire Present" when there is actually no fire, this is classified as : **[CBSE 2026]**

(A) True Positive (TP)
(B) True Negative (TN)
(C) False Positive (FP)
(D) False Negative (FN)

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Section B — Important questions (answer in your notebook)

21. Write the 7 C's of communication. **[2026 · 2 marks]**

22. Explain the difference between sector-based and value-based ethical frameworks with one example of each. **[2026 · 2 marks]**

23. (a) What is emotional intelligence ? (b) Name any two skills included in emotional intelligence. **[2026 · 2 marks]**

24. Give any two characteristics of a Classification Model. **[2026 · 2 marks]**

25. How ICT skills help us in our day-to-day activities ? **[2026 · 2 marks]**

26. Explain Train-test split technique with respect to machine learning algorithm. **[2026 · 2 marks]**

27. State the qualities to become a successful entrepreneur. **[2026 · 2 marks]**

28. Define the term 'Sustainable Development' **[2026 · 2 marks]**

29. How do computers store RGB images ? **[2026 · 2 marks]**

30. How is Stemming different from Lemmatization ? Explain how the word "Wolves" would be processed by stemming and lemmatization. **[2026 · 2 marks]**

Artificial Intelligence — Answer key — Section A

Teachers: for checking after a class test. Students: solve first, then compare.

1. **A**	2. **C**	3. **C**	4. **D**	5. **B**	6. **B**	7. **A**	8. **B**	9. **C**	10. **D**
11. **C**	12. **A**	13. **C**	14. **B**	15. **D**	16. **B**	17. **B**	18. **D**	19. **B**	20. **C**

Score: 1 mark per correct answer. Got one wrong? Go back to that chapter before ticking "Practised" on your tracker. Section B model answers — on AskMedha, with Medha Ma'am.

A daily 60-minute class and a full plan — with Medha Ma'am.
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