ANNUAL EXAMINATION

Question Paper 2024

NCERT BASED SYLLABUS

FOR CBSE AND STATE BOARD
FOLLOWING NCERT

Annual Exam Question Paper 2024

SESSION ENDING EXAMINATION (2023-24)

CLASS – VI

SUBJECT – ARTIFICIAL INTELLIGENCE

TIME: 1.5 Hour **MAXIMUM MARKS: 40**

Q1. State whether True (T) or False (F): **(6*1=6)**

1. All AI-enabled machines are equally intelligent. ( )
2. The data input that needs to be processed instantly is called real-time data. ( )
3. Websites are the only source of bulk data. ( )
4. Speech recognition means what has been spoken. ( )
5. Fingerprint recognition is a feature of Fraud detection. ( )
6. The features of AI can be used to serve Humanity. ( )

Q2.Select the correct answer: **(8*1=8)**

1. Shape, size and color are the examples of_____.
   a. Behavior b. Property
   c. Both a) and b) d. None of these

2. Artificial intelligence is the_____ and_____of developing intelligent machines.
   a. math, science b. math, art
   c. art, science d. math, engineering

3. How we feel and think about a product is called our _____.
   a. Sentiment b. Nature
   c. Experience d. Feedback

4. Data is one of the cores of AI.
   a. Inputs b. Outputs
   c. Domains d. Applications

5. Our browsing habit makes our which of the following.
   a. Browsing signature b. Browsing fingerprint
   c. Both a) and b) d. None of these

6. Which of the following characteristics of data make it difficult to be processed by Human brain?
   a. Volume of data b. Variety of data
   c. Constant generation of data d. All of these

7. Which of the following domains of AI deals with visual data?
   a. NLP b. CV
   c. Both a) and b) d. Robotics

8. Which of the following domains of AI deals with human speech and language?
   a. NLP b. CV
   c. Both a) and b) d. Robotics

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Q3. CCT Question: **(6*1 = 6)**

1. Write the full form of AI.
2. Write the full form of NLP.
3. Write the full form of CV.
4. Write the full form of RGB.
5. Find the odd one out- Data, Vision, NLP, Internet
6. Find the odd one out- UPS, Siri, Alexa, Google Assistant

Q4. Fill in the blanks: **(6*1=6)**

1. A learning machine makes its own set of_____.
2. _____ can be used to classify documents into various categories or genres.
3. In routing apps like Google Maps, _____ colored route indicates the traffic jam.
4. The term _____refers to an area of common application or practice.
5. To understand and process any data, computers needs it to be described in the form of _____.
6. _____is found in the form of values, audio, visuals and natural language.

Q5. Short answer type question: **(5*2=10)**

1. What do you mean by Artificial Intelligence? Write any 2 examples of Artificial Intelligence.
2. List any 3 applications of Object Detection?
3. What do mean by Pixel?
4. What kind of data human brain is not capable to process?
5. How does search engine determine what to recommend while typing the search text?

Q6. Long answer type question: **(1*4=4)**

1. What do you mean by NLP? What are Digital assistants and Chatbots?

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