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PERIODIC TEST

QUESTION PAPER

Question Paper for CBSE Board, KV Schools,

State Board following NCERT Syllabus

PT 1 | PT 2

Question Paper based on NCERT Syllabus
CBSE Board Question Paper / KV Schools Question Paper

PERIODIC TEST-2 (2023-24)

CLASS – VIII

SUBJECT – ARTIFICIAL INTELLIGENCE

TIME: 1 Hour **MAXIMUM MARKS: 25**

Q1. State whether True (T) or False (F): **(4*1=4)**

1. Autonomous vehicles maximize the risk of life due to an accident. ( )
2. AI is best suited for space missions since it can process enormous amount of data. ( )
3. User who learn at different pace find adaptive content difficult to follow. ( )
4. Cloud-based software needs to be installed in the computer first. ( )

Q2.Select the correct answer: **(3*1=3)**

1. AI is capable to process enormous amount of_____.
   a. Text b. Images
   c. Audio d. All of these

2. Content that changes according to the needs of the user is called_____.
   a. User-friendly content b. Adaptive Content
   c. intelligent content d. Streaming Content

3. _____ capability of AI helps in analysis of visual data such as images.
   a. Computer Vision b. NLP
   c. Machine Learning d. All of these

Q3. CCT Question: **(8*1/2 = 4)**

1. Write the full form of ML.
2. Write the full form of NLP.
3. Write the full form of ANN.
4. Write the full form of RGB.
5. Write the full form of CMYK.
6. Write the full form of CV.
7. Find the odd one out – Data, Robotics, Vison, NLP
8. If “BRAIN” is to “COMPUTER”, then “NEURONS” is to what?

Q4. Fill in the blanks: **(5*1=5)**

1. An expert system is a self contained, less complicated system composed of _____and _____.
2. The two service oriented businesses are _____ and _____.
3. Chat engines enabled with AI are called _____.
4. _____refers to the grammar and formation of the language.
5. AI domains are of _____types.

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Q5. Short answer type question: **(6*1=6)**

1. What do you mean by Computer Vision?
2. What do you mean by Pixel?
3. List 2 common sources of data.
4. What do you mean by the term Semantics of a language? Give one small example.
5. List main capabilities of AI
6. Which type of data human brain is not capable to process?

Q6. Long answer type question: **(1*3=3)**

1. Explain how RGB model generates black and white color?

OR

2. Discuss very briefly any 3 examples of data in the form of text, visual and Natural Language

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