DELHI PUBLIC SCHOOL, JAMMU
SESSION-2024-25
FINAL EXAMINATION
Answer Key for Set- A

Class: - VII   **Max. Marks: 50**
Subject: - Computers   **Time: 2 HRS**

SECTION-A

A. Multiple Choice Questions   **(5 Marks)**

1. b) Integer
2. c) Purple
3. b) OR
4. c) Mervin Minksy
5. a) Plagiarism

B. Give answer in one word or in one line: -   **(5 Marks)**
1. Inline Frame
2. Natural Language Processes sing
3. //
4. <video>
5. Trojan

C. State True or False   **(6 Marks)**
1. True
2. False
3. True
4. True.
5. True
6. False

D. Name the operator, its meaning and give one example of each operator in the table given   below.
                                                                                                   (4 Marks)

Operator	Name	Meaning	Example
*	Multiplication	To multiply two numbers	a*b
%	Modulus	To find the remainder	5//2=2
<=	Less than equal to	To find less than equal to between two numbers	5<=2 False
NOT	NOT operator	It returns True if the operand is false, and FALSE otherwise	X=10 and y=20 Not(x!=5) False

E. Fill in the blanks   **(10 Marks)**
1. Digital Dossier
2. Human Machine Interaction
3. Data
4. worm
5. Comparision
6. Operators
7. Mailto
8. <img>

9. Virus

10. Email Viruses

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SECTION-B

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F. Short Answer Type Question

1. Write short note on big data? (2)

Ans) Big data is a collection of a huge amont of data. It is very large and complex. The measurement shows that 500+ terabytes of new data get consumed into the data sets of the social media website consistently.

2. Write short note on Phishing? (2)

Ans) It is a fraudulent act of collecting sensitive information of the user, like his /her bank account details, credit card details, net banking passwords by using authentic looking e-mails.

3. Define concatenation operator? (2)

Concatenation operator is the operator that is used to add two text values example "good" + "morning" gives result 'goodmorning'.

4. What is a frame?

Ans) Frames are used to divide a webpage into multiple segments, This helps to organise a website. Each frame has its content. The <iframe > tag is used to create frames. (2)

G. Long Answer Type Question

1. Explain the use of operator precedence in Python with the help of example? (4)

Ans) The term precedence means an order of priority. Higher precedence operators are evaluated before the lower precedence operator. In Python, we have following operator precedence:

Operator	Description	
()	Parenthesis (grouping)	
**	Exponentiation	
+x, -x	Positive, negative	Higher to Lower Precedence
*, /,//, %	Multiplication, division, floor division, modulus	
+, -	Addition, subtraction	
<, <=,>,>=, !=, ==	Comparisons, membership, identity	
not	Boolean NOT	
and	Boolean AND	
or	Boolean OR	

For example, 10+5-3*2

                => 10+5-6

                => 15-6

                => 9

2. Differentiate between deep learning and machine learning. (4)

Ans) **Machine Learning** : The technique that enables a computer to learn without being directly programmed to do so is called machine learning. This is the process of a machine to automatically learn from its experiences of handling similar tasks.It enables machine to perform tasks that it is not programmed for. For example, the face recognition system is an example of pattern recognition.

Deep Learning: It is the branch of machine learning that enables the system to learn from machine learning algorithms, that extracts information from multiple layers of raw input. Thus, deep learning is defined as the subset of the machine learning.

3. What is link? Explain two types of linking. (4)

Ans) a link is a pointer from one webpage to other webpage(destination webpage). Linking is of two types:

   1) **External Linking**: When one web page is linked to another webpage, it is called external linking i.e. ,on clicking a link, another web page opens.

   Internal Linking: When one part of the web page is linked to some information at a different location on the same webpage, it is called internal linking.