

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

Class: - VII
Subject: - Computers

Max. Marks: 50
Time: 2 HRS

SECTION-A

A. Multiple Choice Questions

(5 Marks)

1. a) Audio
2. b) Blue
3. c) Parenthesis
4. a) Rusell Kirsch
5. Bombs

B. Give answer in one word or in one line: -

(5 Marks)

1. <iframe>
2. Vital Information Resources Under Seize
3. %
4. <audio>
5. Elk Cloner

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
//	Floor division operator	It performs division and gives only integer quotient.	15//2=7
**	Exponential operator	It calculates the exponential power value,	15**2=225
>=	Greater than equal to	To find less than equal to between two numbers	5>=2 True
AND	AND operator	It returns True if both the expressions are true else it returns false	X=10 and y=20 X==10and x<y True

E. Fill in the blanks

(10 Marks)

1. 1986
2. Human Machine Interaction

3. Structured Data
4. Programme
5. multiple
6. Arithmetical.
7. Width
8. <a>
9. virus Programmer
10. Phishing

SECTION-B

F. Short Answer Type Question-1

1. What are worms?

Ans) Worms virus is a very malicious program that duplicates itself. Eventually, this virus fills up the disk space with copies of itself and thereby makes a computer system very slow to work. (2)

2. Write any two real life applications of computer vision? (2)

Ans) **Applications of Computer vision are:**

1. Enables self -driven cars to make sense of their surrounding
2. Plays an important role in facial recognition applications

3. What is associativity? (2)

Ans) When two operators with same precedence occur in the same expression, then the interpreter executes them either from right to left or left to right based on their level. This is known as associativity.

4. What are hyperlinks? (2)

Ans) Hyperlinks are the links in a web page. On clicking, they take us to some other location of the website or webpage

G. Long Answer Type Question

1. Differentiate between external linking and internal linking? (4)

Ans) **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.

2. Explain any two Human-Machine Interaction devices. (4)

Ans) 1.**Speech Recognition:** The technology of converting spoken phrases into written text is called speech recognition. Such technology can be used in advance control of many devices such as switching on and off the electrical appliances.

2. **Gesture Recognition:** The main purpose of gesture recognition is to understand the human movement by mathematical processes. This technology extends an advanced association between human and the computer where no mechanical devices are used.

3. Differentiate between logical and syntax error. How does knowing of error help you? (4)

Ans) **Syntax error:** Syntax are the rules followed by the language. When these rules are not followed, then you get syntax error.

For example,>>> PRINT("hello")

(invalid syntax)

Type the print in lowercase to remove syntax error

>>>print("hello")

Hello

Logical error-These errors are also known as Semantic errors. They do give the results. But the results are wrong as the logic written for them are wrong

For example, x=5

Y=8

Z=x=y/10

Answer=5.8(which is wrong)

You should put brackets with x+y

$$z=(x+y)/10$$

Answer=1.3(which is correct)