

O.P. JINDAL SCHOOL, PATRATU
MODEL PAPER FOR ANNUAL EXAMINATION

Class: VIII
Sub. : Computer
Name _____

M.M: 50
Duration: 90Min

Sec ____ Roll _____ Adm. No. _____

1. Tick the correct option:

1x8=08

- (i) Which statement is used to in loops to terminate the loop?
(a) if (b) continue
(c) break (d) All of these
- (ii) Which of the following statements is used to repeat block of code?
(a) for (b) range
(c) Both (a) & (b) (d) if-else.
- (ii) What is the input given to the functions referred to as?
(a) Return Value (b) Name
(c) Arguments (d) None of these
- (iv) Which user-defined function takes parameters and returns output?
(a) type 1 (b) type 2
(c) type 3 (d) None of there
- (v) Which of the following type of AI aims to build machines that are better than humans in every aspect?
(a) Narrow AI (b) Strong AI
(c) Super AI (d) None of these
- (vi) Which of the following is the starting point of every application?
(a) CV (b) Data
(c) NLP (d) None of these
- (vii) Which of the following technologies is used in autonomous drones?
(a) Machine learning (b) Computer Vision
(c) NLP (d) None of these
- (viii) Which of the following is the AI based assistant developed by Microsoft?
(a) Cortana (b) Siri
(c) Alexa (d) Lucida.

2. Fill in the blanks with suitable words:

1x6=06

[Continue, AI, lower, Computer Vision, String, Siri]

- (i) Personal assistant applications such as Google Assistant, Siri, and Alexa are based on _____ .
- (ii) Face recognition systems used at workplace and schools to mark the attendance are based on _____.
- (iii) The _____ function converts all uppercase letters to lower case.
- (iv) A consecutive sequence of characters which are enclosed or surrounded by single or double quotes is as a _____ .
- (v) The _____ statement causes the program to skip the rest of statement of the current block and to move to next iteration of the loop.
- (vi) _____ is an example of voice recognition system of AI.

3. Answer the following questions in **one or two** words.

1x6=06

- (i) An example of AI assistant used for auto reply. _____
- (ii) Name any one barrier of AI. _____
- (iii) Which keyword is used to begin the function definition? _____
- (iv) Which function is used to remove a list of elements of a list? _____
- (v) Name any one iterative statement. _____
- (vi) Which type of AI is also known as string AI. _____

4. Answer **any four** questions out six given below: 2x4=08

- (i) What do you understand by control structure ?
- (ii) Write the syntax of *while* loop
- (iii) Define any two list functions.
- (iv) List any four benefits of Smart cities.
- (v) Why is data important ?
- (vi) What is the ***if-elif-else*** statement used for? Write its syntax.

5. Answer **any two** from the following: 4x2=08

- (i) Write a python programs to check whether a given number is positive or negative.
- (ii) Write a python program to check whether the given number is even or odd.
- (iii) Write a program to add first five natural numbers.

6. Write the use of the following functions: 2x4=08

- (i) len() (ii) append() (c) capitalize() (d) del ()

7. Write the output of the following codes in Python: 2x2=04

```
(i) L= 29
    M = 29
    if M > L :
        print ("M is greater than L ")
    elif:
        print("L and M are equal")
```

```
(ii) sum1 = 0
     n = 6
     for i in range (1, n+1,1):
         sum1 = sum1+i
     print("\n")
     print("Sum is: ", sum1)
```

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