Autor Province Control Control

17CSU514B

KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

DEPARTMENT OF CS, CA & IT

PROGRAMMING IN PYTHON - PRACTICAL

3H – 1C

Instruction Hours / week: L: 0 T: 0 P: 4 Marks: Int : 40 Ext : 60 Total: 100

List of Practical's

- 1. Write a menu driven program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
- 2. WAP to calculate total marks, percentage and grade of a student. Marks obtained in each of the three subjects are to be input by the user. Assign grades aCSUording to the following criteria :

Grade A: Percentage >=80

Grade B: Percentage>=70 and <80

Grade C: Percentage>=60 and <70

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Grade D: Percentage>=40 and <60
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Grade E: Percentage<40

- 3. Write a menu-driven program, using user-defined functions to find the area of rectangle, square, circle and triangle by aCSUepting suitable input parameters from user.
- 4. WAP to display the first n terms of FibonaCSUi series.
- 5. WAP to find factorial of the given number.
- 6. WAP to find sum of the following series for n terms: $1 2/2! + 3/3! \cdots n/n!$
- 7. WAP to calculate the sum and product of two compatible matrices.

Department of CS, CA & IT, KAHE

