PADASALAI.NET'S - QUARTERLY MODEL EXAM 2022 HIGHER SECONDARY SECOND YEAR COMPUTER SCIENCE

Time: 3.00 Hrs Max Marks: 70 PART A Choose the best answer: $15 \times 1 = 15$ 1 A function definition which calls itself is called b) Recursive function c) Built-in function d) Derived function a) User defined function 2 Which provides modularity? a) Data types b) Subroutines c) Abstraction d) Classes 3 Which of the following contain instructions, processing logic and data? b) Indentation c) Modules d) Access control a) Scopes 4 Which of the following component is defined as the total space required to store certain data and variables for an algorithm? a) Time part b) Variable part c) Fixed part d) Memory part 5 Python uses the symbols and symbol combinations as in expressions. a) Literals b) Keywords c) Delimiters d) Identifiers Executable segments that yield the result are 6 a) Operator b) Statements c) Keywords d) Identifiers 7 How many return statement is executed at runtime? a) 2 b) 3 d) Multiple c) 1 8 Another name of string index values are b) Subscript a) Class c) Function d) Arguments 9 What is the output for the following? sim=['T','E','A','M'] for i in sim: print (sim[2]) a) T b) E c) A d) M 10 are called as functions of the class. a) Methods b)Members c) Variables d)Loop 11 Abbreviation of GIS is a) Global Information System b) Geographic Information System c) Global Information Source d) Geographic Intelligent System 12 Who developed ER model? a) Chen b) EF Codd c) Chend d) Chad Class members are accessed through which operator? 13 a) & b). c)# d) % The subscript of a string may be: 14 a) Positive b) Negative c) Both (a) and (b) d) Either (a) or (b) Which statement is generally used as a placeholder? 15 b) Break c) Pass a) Continue d) Goto PART - II Answer any six questions. Question No. 24 is compulsory. 6 X 2 = 1216 Write notes on Impure function. 17 What is a pair? Give an example. List different factors in which the time efficiency of an algorithm its measured. 18 19 What are keywords? Name any four keywords in python? 20 Write a program to display all 3 digit even numbers. What are arguments? What are the types? 21