Padasalai's Telegram Groups!

(தலைப்பிற்கு கீழே உள்ள லிங்கை கிளிக் செய்து குழுவில் இணையவும்!)

- Padasalai's NEWS - Group
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- Padasalai's Channel - Group
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- Lesson Plan - Group
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- 11th Standard - Group
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XII - STD

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Subject	COMPUTER SCIENCE
Class	XII - E2
Date	14-11-2019

COMPUTER SCIENCE.

IMPORTANT QUESTIONS.

LESSON - 13 (PYTHON AND CSV FILES).

2Mark }: 3MARK }

1. CSV File
2. TO ways to read CSV File
3. Default modes of file
4. next() function
5. Sort more than one column from CSV File
6. Write a Python program to modify an existing file.
7. Write a P. Program read CSV File default delimeter (^)
8. Difference write mode. Append mode.
9. Difference reader() and Dict Reader()
10. Difference write row() Write rows
11. Modification
12. Define i) Delimiter ii) Line Termination iii) Dialect

5Mark:

1. Differentiate Excel file and CSV File
2. Write a different mode to read a File in Python.
3. Write the rules to followed format the data CSV File

LESSON - 14 (IMPORTING C++ IN PYTHON)

2Marks } 3Marks }:

1. Difference between scripting and other programming languag
2. Differentiate Complier Interpreter
3. SWIG MINGW API
4. Modular programming
5. What is Modules and it use.
6. Use of cd command with example.
7. Application of scripting Language.
8. Diff. Python & C++

9. What is called scripting Language.
10. What is Python.
11. Wrapping C++ in Python
12. List Some commonly used interfaces for wrapping
13. MINGW - Use.

5Marks: 1. Five Features of Python.
2. Purpose of sys, os getopt module in Python? Explain
3. Write Python program C++ Coding

```
#include<iostream>
using namespace std;
int main
{cout<<"WELCOME";
return(0);
}
```

LESSON - 12 (SQL)

2Marks / 3Marks: 1. Write query that all students age less than 18 in order wise
2. Differentiate Unique and Primary key constraint
3. Difference between Table and column constraint
4. Difference SQL MYSQL
5. What is constraint? Primay key constraint
6. Write note on SAVE POINT
7. SQL FOR DISTINCT Keyword.
8. SQL, RDBMS WAMP, DBMS

5Marks: 1. Different types of Constraint
2. Components on SQL
3. Write about Char Varchar dec nums int Float Real.

Lesson - 11 (Database concept)

2 Marks } :
3 Marks }

1. Few examples of Database
2. Some examples of RDBMS
3. Data consistency
4. Hierarchical or Network data model
5. Normalization.
6. Diff - Select Project Command.
7. Role of DBA
8. Diff types of DBMS users.
9. Advantages of DBMS
10. Components of DBMS

5 Marks :

1. Types of data model
2. Types of Relationship mapping
3. Diff DBMS RDBMS

Lesson - 10 (Python Classes Objects)

2 Marks } :
3 Marks }

1. Class
2. Instantiation
3. Writing output (On 3)
4. Purpose of destructor
5. How will u create Constructor in Python.
6. How will u define Constructor destructor Python.
7. Write a class two private variables print using method.

5 Marks :

Lesson- 9 (Lists tuple Dictionary)

2 Marks / 3 Marks:
1. Lists in Python.
2. Access list element in Python.
3. diff del remove()
4. Syntax of Creating tuple
5. Set in Python.
6. del and clear() Diff
7. List out set operations supported by python.
8. List Dictionary.

5 MARKS:
1. Purpose of range
2. different set operations explain

Lesson - 8 (Strings)

2 Marks / 3 Marks:
1. String
2. Do you modify string
3. Slicing
4. use of format() ?
5. Capalise() Swapcase()
6. count() function Python.
7. Delete string in Python

Lesson - 7 (Python functions)

2 Marks / 3 Marks:
1. Function
2. different types of function
3. Main advantage of function
4. Scope of Variable.
5. Rules of local Variable.
6. Ceil() floor()
7. Recursive function work

5Marks: 1. Different types of function with example
2. Explain scope variable with example.

Lesson-6 (control structures)

2Marks, 3Marks:
1. Control structures in Python.
2. Break statement
3. control structure
4. Syntax if else statement
5. range() in loop.
6. note on if else statement
7. Syntax of while loop
8. Diff. break continue.

5Marks:
1. Write a program display 3 digit odd number.
2. Write a program multiplication for given numbers.
3. Write note on loop.

Lesson - 5 (Python variables)

2Marks, 3Marks:
1. Different modes
2. Tokens (Types)
3. Different operators
4. Literals
5. Exponent data
6. Escapse sequences
7. Arithmetic operator
8. Assignment operator
9. Ternary operator

5Mark:
1. input() print() function
2. Token in Python.

LESSON - 4 (Algorithmic Strategies)

2mark 3mark:
1. Algorithm
2. Pseudo code
3. Algorist
4. Sorting
5. Searching? types?
6. List the characteristics of Algorithm
7. Factor of time space complexity
8. Asymptotic Notation
9. Dynamic Programming

5Mark.
1. Bubble sort Algorithm
2. Write about the linear and binary search.

LESSON - 3 (Scoping)

2Marks? 3Marks
1. Mapping
2. scope
3. Namespaces
4. Local Global Scope.
access control is required

5marks:
1. LEGB Rule.
2. Five characteristics Modules
3. Five benefits in Modular programming

LESSON - 2 (Data Abstraction)

2m 3mark:
1. Abstract data type
2. Constructors Selectors
3. Pair List Tuple with example
4. Diff. Concrete and Abstract data type.
5. Program designing?
6. QN - 4, 3, 5

LESSON-1 (FUNCTION)

2M3M :
1. Subroutine
2. Function respect Programming Language.
3. Interface Implementation
4. Stolen pure function
5. Side effects of Impure function
6. Pure Impure function

5M :
1. Parameters
2. Pure Impure function
3. Interface Implementation

LESSON-15 (DATA MANIPULATION)

2M3M :
1. User wire use Database.
2. Which method used connect database
3. fechone() fetchmany()
4. Steps to use SQ Lite

LESSON-16 (Data Visualization)

2M3M :
1. Define Data Visualization
2. general types of data visualization
3. types of visualization Matplotlib
4. Install Matplotlib
5. Three Uses of data Visualization-
6. Writing the code of the following.
7. Draw the output of following data Visualization plot.
8. Info graphics

5m :

1. Explain purpose of the following
2. Explain various buttons in matplotlib window (X)
3. Types of Pyplots using Matplotlib.

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