

ClassXII(Practical)Python

Duration:3hours

TotalMarks: 30

1. **ProgramminginPython** **10**

Oneprogrammingproblem inPythontobedevelopedandtestedinComputerduringtheexamination.Marksareallottedonthebasisoffollowing:

Logic : 5Marks
Documentation/Indentation : 2 Marks
Outputpresentation : 3Marks

Notes:Thetypesofproblemstobegivenwillbeofapplicationtypefromthefollowingtopics

 - String
 - Lists/Tuples
 - Dictionary
 - FileOperations
2. **SQLCommands** **05**

FiveQueryquestionsbasedonaparticularTable/ReactiontobetestedpracticallyonComputerduringtheexamination.Thecommandalongwiththeresult mustbewrittenintheanswersheet.
3. **ProjectWork** **05**

TheprojecthastobedevelopedinPythonlanguagewithObjectOrientedTechnology.(Theprojectisrequiredtobedevelopedinagroupof2-4students)

 - Presentationon thecomputer
 - Projectreport(Listing,Sample,Outputs,Documentation)
 - Viva
4. **PracticalFile** **05**

Musthaveminimum20 programs fromthe followingtopics

 - Lists(general,stack,queue)
 - Dictionary
 - Tuple
 - FileHandling
 - Programsbased onObjectOrientedConcepts
 - 15SQLcommandsalongwiththeoutputbasedonanytable/relation
5. **VivaVoce** **05**

Vivawillbeaskedfromsyllabuscovered inclass XIIandtheprojectdeveloped bystudent.