

QB365 Question Bank Software Study Materials

Importing C++ Programs in Python 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

Computer Science

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Which of the following is not a scripting language?
(a) JavaScript (b) PHP (c) Perl **(d) HTML**
- 2) Importing C++ program in a Python program is called
(a) wrapping (b) Downloading (c) Interconnecting (d) Parsing
- 3) The expansion of API is
(a) Application Programming Interpreter **(b) Application Programming Interface** (c) Application Performing Interface
(d) Application Programming Interlink
- 4) A framework for interfacing Python and C++ is
(a) Ctypes (b) SWIG (c) Cython **(d) Boost**
- 5) Which of the following is a software design technique to split your code into separate parts?
(a) Object oriented Programming **(b) Modular programming** (c) Low Level Programming
(d) Procedure oriented Programming
- 6) The module which allows you to interface with the Windows operating system is
(a) OS module (b) sys module (c) csv module (d) getopt module
- 7) getopt() will return an empty array if there is no error in splitting strings to
(a) argv variable (b) opt variable (c) args variable (d) ifile variable
- 8) Identify the function call statement in the following snippet.
if __name__ == '__main__':
main(sys.argv[1:])
(a) main(sys.argv[1:]) (b) __name__ (c) __main__ (d) argv
- 9) Which of the following can be used for processing text, numbers, images, and scientific data?
(a) HTML (b) C (c) C++ **(d) PYTHON**
- 10) What does __name__ contains?
(a) c++ filename (b) main() name (c) python filename (d) os module name
- 11) Which of the following is not a compiled statically typed language?
(a) C++ (b) Java **(c) Python** (d) All of these
- 12) In which language datatype or not required while declare variable?
(a) C++ (b) C (c) Java **(d) Python**
- 13) Which is a programming language designed for integrating and communicating with other programming languages?
(a) Modular language (b) Procedural language (c) Scripting language (d) Procedural language

- (*) ~~compiled language~~ (v) ~~compiled language~~ (v) ~~scripting language~~ (v) ~~compiled language~~
- 14) Which of the following language used automatic garbage collection?
(a) C++ (b) Java (c) C **(d) Python**
- 15) A programming language requires
(a) Compiler **(b) Interpreter** (c) Modules (d) Scripts
- 16) How many ways are there to create python interface?
(a) 4 (b) 3 (c) 5 **(d) Many**
- 17) Which of the following interface used for interfacing with C programs?
(a) MicGW (b) Boost **(c) Ctypes** (d) Cython
- 18) SWIG expansion is
(a) Simplified Wrapper Interface Generator (b) Software Wrapper Information Generator
(c) Simplified Wrapper Interface Generator (d) System Wrapper Interface Generator
- 19) The command to change to the folder where Python is located is
(a) Change **(b) CD** (c) Dir (d) CDirI
- 20) In the command `python < filename.py > -i < C++ filename >` where i denotes.
(a) Information **(b) Input mode** (c) ios (d) Interpreter
- 21) The operator used to access the python functions using modules is
(a) . (b) , (c) ::
- 22) Which of the following is a python module?
(a) Sys (b) OS (c) Getopt **(d) All of these**
- 23) Which of the following is an array holding the command line arguments of the program?
(a) g++ **(b) argv** (c) Opts (d) Getopt
- 24) Which of the following is a built - in variable which evaluates to the name of the current module?
(a) -- main -- (b) -- getopt -- **(c) -- name --** (d) -- sys --
- 25) The mode 'i/o' parses each values of the command line and pass as argument to the list called
(a) Args **(b) Opts** (c) Sys (d) Argv
- 26) Which of the following definition invoke the 'g++' compiler and creates the exe file?
(a) Main (b) Name **(c) Run** (d) System
- 27) _____ is typically interpreted language.
(a) Python (b) Java (c) C++ (d) None of these
- 28) _____ version of MinGW is the best compiler for C++ on windows.
(a) W32 (b) W128 (c) W256 **(d) W64**
- 29) _____ allows to compile and execute C++ program dynamically through python program using g++.
(a) MinGW (b) Ctypes (c) Boost (d) SWIG
- 30) _____ is a program that calls GCC for linking the c++ library files to the object code.
(a) c++ (b) C (c) Python **(d) g++**

- 31) _____ is a software design technique to split the code into separate parts.
 (a) Procedural programming (b) Structural programming (c) Object Oriented Programming
(d) Modular Programming
- 32) _____ refers to a file containing python statements and definitions?
 (a) Procedures **(b) Modules** (c) Structures (d) Objects
- 33) To use sys.argv, you have to _____.
 (a) Import CSV (b) Import.+ py **(c) Import sys** (d) Include sys
- 34) _____symbol is os.system () indicates that all strings are concatenated and send that as a list.
(a) + (b) . (c) () (d) -
- 35) _____ module of python helps you to split command line options and arguments.
 (a) OS **(b) Getopt** (c) Sys (d) All of these
- 36) _____ method returns value consisting of two elements.
 (a) sys.argv (b) oS.system () **(c) getopt ()** (d) none of these
- 37) _____ command of 'os' module executes the exe file to get the desired output.
 (a) Main () (b) Name () (c) Run () **(d) System ()**
- 38) The command to dear the window screen is _____.
(a) CIs (b) Clear (c) Clr (d) Clrscr
- 39) The keyword used to import the module is_____
 (a) Include (b) Input **(c) Import** (d) None of these
- 40) Which language is a dynamically typed language?
 (a) C (b) C++ **(c) Python** (d) Java
- 41) Choose the odd one out:
 (a) Java **(b) python** (c) HTML (d) C++
- 42) C++ return statement can return _____ value.
 (a) no **(b) only one** (c) double (d) multiple
- 43) Which automatically links the required C++ library files to the object code?
(a) GCC (b) C++ (c) C (d) Sharp
- 44) Which operator is used to access the functions?
 (a) , **(b) .** (c) ;
- 45) Which module of Python helps to split command line options and arguments?
(a) getopt (b) sys (c) os (d) csv
- 46) A special variable which by default stores the name of the file _____.
(a) _name_ (b) _init_ (c) _del_ (d) _def_
- 47) The Python script is mainly used to read the C++ file along with the type of mode is _____.
 (a) 'i' (b) 'o' **(c) 'i' / 'o'** (d) 'r'
- 48) The value of the command line and argument to the list called _____.

(a) tuples (b) functions **(c) opts** (d) dictionary

49) Match the following;

- (1) PHP - interface with C
- (2) HTML- interface generator both C & C++
- (3) SWIG- Programming language
- (4) API - Scripting language

(a) 1-2-3-4 **(b) 4-3-2-1** (c) 4-2-3-1 (d) 4-1-2-3

50) _____ provides reusability of code.

(a) Modules (b) Data (c) operators (d) structure