**One Line Important Questions for Interview purpose**

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**1.What is Scripting?**

-loosely typed programming

-Weekly typed programming

-Light weighted programming

**2.How many scripts are there in software environment?**

-Two types i)Client side ---which runs within the web broweser==>Angular

ii)Server side---which runs within the web server ===>Python

**3.Scripting languages are .....declartion**

-implicit

**4.What is the major diffrence between scripting vs programming langauges?**

-scripting langauges are interpretor run mode

-programming lang. are compiler or compiler+interpreteor

**5.What is the diffrence between interprettor vs compiler?**

-interprettor excutes line by line

-compiler excutes entire souce code

**6.Is interprettor faster or compiler?**

--compiler could fast

**7.Is interprettor more accuracy or compiler?**

--Interprettor

**8.Can you define What is PYTHON in your own words and what you feel it?**

-PYTHON is a simple & it can understand everyone very easily with minimum inteligence,

-PYTHON is a Genral purpose programming language it can suitable any application,

-PYTHON is a mixture of all languages it means it is a multipardigm programming lang.

-PYTHON is a interpreted programming lang.,

-PYTHON is a object oriented,procedural,structural,logical and functonal programming lang.

-PYTHON is a high level and genral public licenced programming lang.

-PYTHON is a dynamic programming lang.

**9.Who invented the PYTHON?**

-Guido Van Rossum: He is frustated while he was doing job in th ABC domin,

He had taken all technologies pros\cons\limitation and

implemented one simple lang i.e, PYTHON

**10.what is the best feature of python?**

-it can integrate with any software application like number of alternatives are there--jython,cython,Ironpython,pydoop,pypy

**11.Can you tell me some applications of python where it could be used?**

--Webscrapping,Data science,Automation,web devlopment,IOT,AI,DL,Graphics,ML,and gamming many more applications

--where human inteligence is there,there can be suitable simply

**12.What is this symbol:- >>>**

--triple cheveron in idle

**13.What is the full form of IDLE**

---Integrated Devlopment Learning enviornment

**14.What are the run modes basically?**

---Interactive Run Mode

---Script mode run or batchor development mode

--comand prompt

**15.What is the full fom of CLI**

--command line interface

**16.What is the shortcut to show the previous command in IDLE?**

---Ctl+P

**17.What is the shortcut to show the next command in IDLE?**

--Ctl+N

**18.How can you set shortcuts in IDLE?**

---Options==>configure IDLE==>keys

**19.How can you quit from IDLE?**

--quit(),exit(),Ctl+d

**20.How could you open script run mode?**

---Idle==>Ctl+N

---idle==>file+N

**21.What is the short cut to excute or run in script mode?**

--Alt+F5 =======>in some pcs

---Function+F5==>in some pcs

**22.how to clear screen IDLE?**

--there is no synatx availabul for clearing screen but we can go give some space

by using this syntax: print("\n"\*number)

**23.How to clear screen in Linux/Unix?**

--Ctl+L

**24.To develop Python files in realtime what are the enviornments used?**

---basically two types 1)editors 2)IDEs

**25. Tell me diffrent types editor modes?**

----Notepad,Notepad++,Editplus,Vi,nano,gedit

**26.Tell me what are the diffrent types of IDEs?**

--1.Pycharm,2.Anconda(i.spyder ii.jupyter)3.conda 4.Eric,5.Eclips,6.NETBEAMS

**27.What are the print Builtin parameters?**

--1.values,2.sep,3,end,4.file,5.flush

**28.What is representation of Single quotation**

--Charector objects

**29.What is representation of Double quotation**

--Multiple objects

**30.What is representation of Triple quotation**

--Charector documentation

**31.What is the defination of string concatination?**

--adding morethan one string to other string

**32.What is the defination of input function?**

--Read the data from the user

**33.What is the syntax of input function in 2.x?**

--raw\_input()

**34.What is the purpose of single lone underscore?**

--it is automatically stores recent output value in interpreter

**35.What do you know about PSf?**

--PSF means python software founadtion ,it is a coummunity for providing packages openly to develop the python

**36.how to find path of python file or software?**

--import os;print(os.getcwd())

--import sys;print(sys.path)

**37.How to find which version of python ?**

--import sys;print(sys.version)

--import platform;print(platform.python\_version())

**38.How to find which keywords of python ?**

--import keyword;print(keyword.kwlist)

**39.what are the major diffrences between python vs java**

--in java all variables E?xplicitely diclared where as python not like that

--java statically typed where as python dynamically typed

--lesser program productivity in java,python higher productivity

--no perfect libraries for DL,ML,AI,IOT

--java faster but complex syntax

--for structural coading in java must use braces where as python indentation used

**40.What is the use of comment in python?and tell me defination?**

--comment is non excutable or ignore statement

--project description purpose used

---can be represented by #

**41.what is debugging?**

--identifying and fixing the problem

**42.Full form of spyder?**

-Scientific python development eniviornment

**43.Full form of jupyter?**

-juliya,python and R language

**44.What is identifier?**

-it is allies of variable name

**45.what is literals?**

-it is allies of constant or fixed values

**46.Camelcase means?**

-first char should be small letters

**47.Pascal case?**

-first char should be Capital letters

**48.a=b=c=d=40 then what print(a+b+c+d)**

--160

**49.a=2020,b=2121 then swap it what is the value of a,b=?**

--a=2121,b=2020

**50.x=10;y=30; z=complex(x+y) then print(type(z)).......?**

-<class 'complex'>

**51.print(type(none))=............**

-<class 'None'>

**52.print(format(143,'8f'))?**

-143.000000(because the format can specify upto 6 digits)

**53.prin(0b10001)?**

-17

**54.print(bin(18))?**

-0b10010

**55.print(int("10101",2))?**

-21

**56.print(int("10101",8))?**

-4161

**57.print(int("10101",16))?**

-65793

**58.print(oct(20))?**

-0o24

**59.print(hex(300))?**

-0x12c

**60.what is PEMDAS? which is higher priority?**

-parenthasis,exponential

**61.print(chr(82),chr(65),chr(74),chr(85),chr(83),chr(73),chr(82))?**

-RAJUSIR

**62.print(ord('S'))?**

-83

**63.print("i wish you happy advance %d %s day"%(72,"independence"))**

-i wish you happy advance 72 independence day

**64.from fraction import Fraction; print(Fraction(0.5))........?**

-1/2

**64.print(abs(-242))....?**

-242

**65.print(ceil(-34.33))......?**

- -34

**66.print(floor(-34.35))......?**

- -35

**67.print(math.pow(2,5))...?**

-32

**68.print(round(101.556,2))....?**

- 101.56

**69.print(round(101.45,1))....?**

-101.5

**70.print(round(101.1256,3))...?**

-101.126

**71.print(math.sqrt(256))....?**

-16

**72.print(random.random())....?**

-0.37182119165430616

**73.x=85;y=x+3;y=int(str(y)+"2".............?**

-82

**74word=input("enter a word:");enter a word:cheese; print(word+'shop')......?**

-cheese shop

**75.spam="7";spam=spam+"0;eggs=int(spam)+3;print(float(eggs))......?**

-73.0

**76.what is the output of this coade:int("3"+"4").......?**

-34

**76.float("210"\*int(input("enter a number:")));enter a number:2;what is the output....?**

-210210.0

**77.what is the output of this code:print('print("print")')...?**

--print("print")

**78.what is the output:print(not 1==1)...??**

-false

**79.a=True;b=False;c=False;print(a and b or c or not b) what is the output....?**

-True

**80.a=True;b=True;c=False;print(a or b and c or not c) what is the output....?**

-True

**81.what is the output of the code:print(not 1 >7)...?**

-True

**82.job="salary";print("a" in job)....?**

-True

**83.queen="king";king="queen";print( king is not queen)....**

-True

**84.a=20;b=13;print(a&b)...what is the output of this code?**

-4

**85.a=7;b=6;print(a|b)....what is the output of this code?**

-7

**86.a=15;b=12;print(a^b)...what is the output of this code?**

-3

**87.print(~11)...what is the output of this code?**

-(-12)

**88.print(15<<2).....what is the output of this code?**

-60

**89.print(20>>2)...what is the output of this code?**

-5

**90.what is the output of this code? s=str(none);print(s)...**

-None

**91.what is the output of this code? a="10";b=a\*0+1;print(b)..**

-typeError:canot concatinate to str

**92.a=10;a+=5;print(a)**

-15

**93.a=10;a\*=10;print(a)**

-100

**94.a=20;a\*\*=2;print(a)**

-400

**95.a=15;a//=2;print(a)**

-7.0

**96.a=21;a%=2;print(a)**

-1

**97.octothorpe means...**

-# its comment symbol

**98.print(len("hi how are you")**

-14

**99.a='Rajusir';b=123;print(a+b)...**

--Error:can not concatinate with string to int

**100.a='rajusir';b='py';print(a+b)...**

-rajusirpy