**AMAN INTERNATIONAL SCHOOL, MAINPURI**

 **Mid Term examination- 2021-22**

**Class: 11th Subject: Computer Science (python) M.M35 Time: 60 minutes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr.no** | **Attempt all the questions** | **Option 1** | **Option 2** | **Option 3** | **Option 4** | **Correct Option Number** |
| **SECTION A****It consist of 25 question (1-25)and attempt any 20 question**  |
| **1** | **Is Python case sensitive when dealing with identifiers?** | **Yes**  | **No**  | **Machine dependent** | **None** | **1** |
| **2** | **What is the maximum possible length of an identifier?** | **31 characters** | **69 characters** | **79 characters** | **None** |  **4** |
| **3** | **Which of the following is invalid?** | **\_a=1** | **\_\_a=1** | **\_\_str\_\_=1** | **None** | **4** |
| **4** | **Which of the following is an invalid variable?** | **My\_string\_1** | **1st\_string** | **foo** | **\_\_** | **2** |
| **5** | **All keywords in Python are in ------** | **Lower case** | **Upper case** | **capitalized** | **None** | **4** |
| **6** | **Which of the following is an invalid statement?** | **Abc=10000** | **A,b,c=10,20,30** | **a\_b\_c=100000** | **A b c=1200** | **4** |
| **7** | **Which is the correct operator for power(xy)?** |  **X^y** | **X\*\*y** | **X^^y** | **None** | **2** |
| **8** | **Which one is fastest memory…..** | **RAM** | **ROM** | **Cache** | **register** | **4** |
| **9** | **Which memory is volatile in nature** | **ROM** | **CD** | **RAM** | **HDD** |  **3** |
| **10** | **Name which provide interface between hardware and user…** |  **OS** |  **hardware** | **application software** | **None**  |  **1** |
| **11** | **Python use which language translator** | **compiler** | **interpreter** | **Assembler** | **None** |  **2** |
| **12** | **The maximum storage capacity ……** | **Blue Ray** | **CD** | **DVD** | **floppy** |  **1** |
| **13** | **Which one of these is floor division?** | **/** | **//** | **%** | **None** |  **2** |
| **14** | **What is the answer to this expression, 22 % 3 is?** | **7** | **1** | **0** | **5**  |  **2** |
| **15.** | **Operators with the same precedence are evaluated in which manner?** | **Left to right** | **Right to left** | **Can’t say** | **none** | **1** |
| **16.** | **What is the output of this expression, 3\*1\*\*3?** | **27** | **9** | **3** | **1** | **3** |
| **17.** | **Which one of the following has the highest precedence in the expression?** | **exponentiation** | **addition** | **Multiplication** | **parentheses** | **4** |
| **18.** | **Which of these in not a core data type?** | **List**  | **dictionary** | **tuple** | **class** | **4** |
| **19.** | **Given a function that does not return any value, What value is thrown by default when executed in shell.** |  **int** | **bool** | **void** | **none** |  **4** |
| **20.** | **What error occurs when you execute the following Python code snippet?** | **SyntaxError** | **NameError** | **ValueError** | **TypeError** | **2** |
| **21.** | **What is the return value of trunc()?** | **int** | **float** | **bool** | **None** | **1** |
| **22.** | **Which of the following is not a complex number?** | **k = 2 + 3j** | **k = complex(2, 3)** | **k = 2 + 3l** | **k = 2 + 3J** | **3** |
| **23.** | **What does 3 ^ 4 evaluate to?** | **81** | **12** | **.75** | **7** | **4** |
| **24.** |  **Value of 4+3%5** | **4** | **7** |  **2**  | **0** | **2** |
| **25.** | **If A = 16 and B = 15 A%B//A** | **0.0** | **0** | **1.0** | **1** | **2** |
| **SECTION B****It Consist 24 question(26-49) attempt any 20 questions** |
| **26.** | **Which of the following operators has its associativity from right to left?** | **+** | **//** | **%** | **\*\*** | **4** |
| **27.** | **value of x in the following Python expression?...x=int(43.55+2/2)** | **43** | **44** | **22** | **23** | **2** |
| **28.** | **Which of the following is the truncation division operator?** | **/** | **%** | **//** | **|** | **3** |
| **29.** | **Value of expression…float(22//3+3/3)** | **8** | **8.0** | **8.3**  | **8.33** | **2** |
| **30.** | **Value of expression print(4.00/(2.0+2.0))** | **error** | **1.0** | **1.00** | **1** | **2** |
| **31.** | **Parallel computer are also known as….** | **30.0** | **30.8** | **28.4** | **27.2** | **4** |
| **32.** | **Python was developed by…..** | **<<, >>** | **Charles babbage** | **Timburner lee** | **Guido van Rossum** | **4** |
| **33.** | **Python was developed in which year?** | **2001** | **1991** | **1995** | **1999** | **2** |
| **34.** | **Python is written in which language?** | **English** | **Machine** | **High level language** | **Assembly level language** | **3** |
| **35.** | **What is the extension of python file?** | **.docx** | **.ptx.** | **.py** | **.pyx** | **3** |
| **36.** | **Which language processor used by python language?** | **Interpreter** | **Compiler** | **Assembler** | **none** | **1** |
| **37.** | **What is used to define a block of code in Python?** | **12** | **123** | **error** | **none** | **3** |
|  **38.** | **By the use of which character, single line is made comment in Python?** | **CU** | **ALU** | **Memory Unit** | **None** | **1** |
|  **39.** | **Which of the following statements is true?** | **Storage unit** | **Input unit** | **Output unit** | **none** | **1** |
| **40.** | **Which of the following will give error?** | **Hello** | **Hello Hello** | **No output** | **error** | **3** |
| **41.**  | **How many keywords are there in python 3.7** | **Device driver** |  **Antivirus** | **Control Unit** | **None** | **1** |
| **41.** | **The language processor that translates the complete source program as whole in one go into machine code is called…..** | **Source code** | **Line code** | **Object code** | **None of these** | **3`** |
| **42.** | **Language processor that translate a single statement of source program..line by line** |  **12** |  **1 2** | **error** | **none** | **3** |
| **43.** | **10011 equivalence in decimal is** | **20** | **18** | **`17** | **19** | **4** |
| **44.** | **Which of the following is incorrect variable name in Python?** | **variable\_1** | **variable1** | **1variable** | **\_variable** | **3** |
|  **45.** | **Which one is not a relational operator in Python?** | **>=** | **<=** | **=** | **!=** |  **3** |
|  **46.** | **str1="6/4"****print("str1") find output** | **1** | **6/4** | **Str1** | **1.5** | **3** |
| **47.** | **Which function is used to display output?**  | **Print()** | **Int()** | **Float()** | **None of these** | **1** |
|  **48.** | **>>str1=”Amit”****>>str2=”Kumar”****>>print(str1+str2)****What was the output of the following code?** | **Amit Kumar** | **Kumar Amit** | **Both 1 and 2** | **none** | **1** |
| **49.** | **Which of the following is not used as in Python?** | **Input()** | **Print()** | **Int()** | **All are allowed** | **4** |
| **SECTION C****It Consist 6 case study based question(50-55) attempt any 5 questions** |
| **Amit was student of class 11he was learned Boolean logic and number system help him to solve the problem and how decimal numbers work& how its convert into machine code .help him to solve binary number in to decimal format.**  |
| **50.** | **Equation A+B Shows which logic gate** | **AND** | **OR** | **NOT** | **All of these** | **2** |
| **51.** | **The base of decimal number is** | **1** | **11** | **10** | **9** | **3** |
| **52.** | **The base of octal number is** | **8** | **10** | **12** | **7** | **1** |
| **53.** | **Convert (0100100001) in to hexadecimal format** | **A42** | **G212** | **4A21** | **A2DE** | **1** |
|  **54.** | **Convert octal number into binary(3.1)8** | **1111.1100** | **011.001** | **111.110** | **100.100** | **2** |
|  **55.** | **What is the ASCII Equivalences for a word DATA** | **65, 84, 88,5 84** | **65,84, 65** | **68,65,84,65** | **88,65,66,70** | **3** |