**青少年软件编程（Python）等级考试试卷（一级）**

分数：100  题数：37

一、单选题(共25题，每题2分，共50分)

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| 1. | 执行语句print(10==10.0)的结果为？（ ） |
|  | |  |  | | --- | --- | | A. | 10 |  |  |  | | --- | --- | | B. | 10.0 |  |  |  | | --- | --- | | C. | True |  |  |  | | --- | --- | | D. | False | |
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| 2. | 执行语句y=4\*\*3后，变量y的值为？（ ） |
|  | |  |  | | --- | --- | | A. | 0 |  |  |  | | --- | --- | | B. | 12 |  |  |  | | --- | --- | | C. | 64 |  |  |  | | --- | --- | | D. | 81 | |

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| 3. | 执行(2\*3)/(9-3\*2)输出的结果是什么？（ ） |
|  | |  |  | | --- | --- | | A. | 1 |  |  |  | | --- | --- | | B. | 2.0 |  |  |  | | --- | --- | | C. | 2 |  |  |  | | --- | --- | | D. | 1.0 | |

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| 4. | print(12.34-1.34)的输出结果是？（ ） |
|  | |  |  | | --- | --- | | A. | 11 |  |  |  | | --- | --- | | B. | 11.0 |  |  |  | | --- | --- | | C. | 11.00 |  |  |  | | --- | --- | | D. | 12.34-1.34 | |
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| 5. | 已知变量a=2，b=3，执行语句a%=a+b后，变量a的值为？（ ） |
|  | |  |  | | --- | --- | | A. | 0 |  |  |  | | --- | --- | | B. | 2 |  |  |  | | --- | --- | | C. | 3 |  |  |  | | --- | --- | | D. | 12 | |
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| 6. | Turtle库中，画笔绘制的速度范围为？（ ） |
|  | |  |  | | --- | --- | | A. | 任意大小 |  |  |  | | --- | --- | | B. | 0到10之间的整数（含0和10） |  |  |  | | --- | --- | | C. | 1到10之间的整数（含1和10） |  |  |  | | --- | --- | | D. | 0到100之间的整数（含0和100） | |
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| 7. | print(“a”+’b’\*2) 结果是？（ ） |
|  | |  |  | | --- | --- | | A. | ab2 |  |  |  | | --- | --- | | B. | abb |  |  |  | | --- | --- | | C. | abab |  |  |  | | --- | --- | | D. | ab | |

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| 8. | Python编程语言的注释语句是以（ ）开头的？ |
|  | |  |  | | --- | --- | | A. | ' |  |  |  | | --- | --- | | B. | // |  |  |  | | --- | --- | | C. | # |  |  |  | | --- | --- | | D. | { | |
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| 9. | a="我要做作业"，b=“我要学习”，以下哪种是可以输出这两句中文的？（ ） |
|  | |  |  | | --- | --- | | A. | print(a+b); |  |  |  | | --- | --- | | B. | print('a'+'b'); |  |  |  | | --- | --- | | C. | print ("a+b")； |  |  |  | | --- | --- | | D. | print("a"+"b"); | |
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| 10. | type() 函数返回对象的类型，那么print(type("7654"))输出的结果是？（ ） |
|  | |  |  | | --- | --- | | A. | <class 'str'> |  |  |  | | --- | --- | | B. | <class 'int'> |  |  |  | | --- | --- | | C. | <class 'float'> |  |  |  | | --- | --- | | D. | <class 'bool'> | |
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| 11. | Python中，用什么方式实现代码快速缩进？（ ） |
|  | |  |  | | --- | --- | | A. | 按4次空格键 |  |  |  | | --- | --- | | B. | tab键 |  |  |  | | --- | --- | | C. | shift+tab键 |  |  |  | | --- | --- | | D. | Alt+tab键 | |
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| 12. | print(3456%100)的结果是？（ ） |
|  | |  |  | | --- | --- | | A. | 34.56 |  |  |  | | --- | --- | | B. | 34 |  |  |  | | --- | --- | | C. | 56 |  |  |  | | --- | --- | | D. | 34.5 | |
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| 13. | 在turtle库中的指令，以下哪个不会使得海龟发生位置移动变化的？（ ） |
|  | |  |  | | --- | --- | | A. | 在turtle库中的指令forward（） |  |  |  | | --- | --- | | B. | 在turtle库中的指令goto（） |  |  |  | | --- | --- | | C. | 在turtle库中的指令setup（） |  |  |  | | --- | --- | | D. | 在turtle库中的指令home（） | |
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| 14. | 下列哪个函数的功能是将字符串和数字转换成整数？（ ） |
|  | |  |  | | --- | --- | | A. | float |  |  |  | | --- | --- | | B. | int |  |  |  | | --- | --- | | C. | round |  |  |  | | --- | --- | | D. | ord | |

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| 15. | Turtle库中，用于将画笔移动到坐标（x,y）位置的命令是？（ ） |
|  | |  |  | | --- | --- | | A. | turtle.go(y,x) |  |  |  | | --- | --- | | B. | turtle.go(x,y) |  |  |  | | --- | --- | | C. | turtle.goto(x,y) |  |  |  | | --- | --- | | D. | turtle.goup(x,y) | |
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| 16. | 以下哪个变量命名不符合Python规范？（ ） |
|  | |  |  | | --- | --- | | A. | 语言='Python' |  |  |  | | --- | --- | | B. | \_language=‘Python’ |  |  |  | | --- | --- | | C. | language=‘Python’ |  |  |  | | --- | --- | | D. | .language=‘Python’ | |
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| 17. | 以下哪个不是Python开发工具？（ ） |
|  | |  |  | | --- | --- | | A. | idle |  |  |  | | --- | --- | | B. | jupyter |  |  |  | | --- | --- | | C. | shell |  |  |  | | --- | --- | | D. | pycharm | |
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| 18. | 下列代码运行的结果是？（ ） a=0 b=False print(a==b) |
|  | |  |  | | --- | --- | | A. | 0 |  |  |  | | --- | --- | | B. | False |  |  |  | | --- | --- | | C. | True |  |  |  | | --- | --- | | D. | error | |
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| 19. | 要抽出一个三位数的个位上的数字，如三位数479，可以输入以下哪个代码可  以获得其中的个位数上的9？（ ） |
|  | |  |  | | --- | --- | | A. | print(479%10//10) |  |  |  | | --- | --- | | B. | print(479//10//10) |  |  |  | | --- | --- | | C. | print(479%10%10) |  |  |  | | --- | --- | | D. | print(479//10%10) | |
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| 20. | 下面图形最有可能是哪个选项的代码执行后的效果？（ ） IMG_256 |
|  | |  |  | | --- | --- | | A. | import turtle turtle.pensize(5) turtle.begin\_fill() turtle.color('red') turtle.fillcolor('yellow') turtle.circle(50,steps=6) turtle.end\_fill()  turtle.hideturtle() |  |  |  | | --- | --- | | B. | import turtle turtle.pensize(5) turtle.color('red') turtle.begin\_fill() turtle.fillcolor('yellow') turtle.circle(50,steps=6) turtle.end\_fill()  turtle.hideturtle() |  |  |  | | --- | --- | | C. | import turtle  turtle.pensize(5) turtle.fillcolor('red') turtle.begin\_fill() turtle.color('yellow') turtle.circle(50,steps=6) turtle.end\_fill()  turtle.hideturtle() |  |  |  | | --- | --- | | D. | import turtle turtle.pensize(5) turtle.begin\_fill() turtle.color('red','yellow') turtle.circle(50,steps=6) turtle.end\_fill()  turtle.hideturtle() | |
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| 21. | 海龟作图中，默认的海龟方向的朝向是？（ ） |
|  | |  |  | | --- | --- | | A. | 朝左 |  |  |  | | --- | --- | | B. | 朝右 |  |  |  | | --- | --- | | C. | 朝上 |  |  |  | | --- | --- | | D. | 朝下 | |
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| 22. | IMG_257结果是？（ ） |
|  | |  |  | | --- | --- | | A. | False |  |  |  | | --- | --- | | B. | True |  |  |  | | --- | --- | | C. | 3 |  |  |  | | --- | --- | | D. | 4 | |
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| 23. | 在turtle库中的指令，以下哪条指令与颜色无关的？（ ） |
|  | |  |  | | --- | --- | | A. | 在turtle库中的指令fillcolor(） |  |  |  | | --- | --- | | B. | 在turtle库中的指令penclor() |  |  |  | | --- | --- | | C. | 在turtle库中的指令color（） |  |  |  | | --- | --- | | D. | 在turtle库中的指令penup() | |
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| 24. | 下列代码的运行结果是？（ ） print('a'< 'b') |
|  | |  |  | | --- | --- | | A. | a |  |  |  | | --- | --- | | B. | b |  |  |  | | --- | --- | | C. | True |  |  |  | | --- | --- | | D. | False | |
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| 25. | Turtle库中，设置画粗细的命令是？（ ） |
|  | |  |  | | --- | --- | | A. | turtle.pensize() |  |  |  | | --- | --- | | B. | turtle.penwidth() |  |  |  | | --- | --- | | C. | turtle.penpoint() |  |  |  | | --- | --- | | D. | turtle.pencolor() | |
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二、判断题(共10题，每题2分，共20分)

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| 26. | Python文件的后缀名可以使.py和.pyw。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 27. | Python代码语句：  s=23.4  t=int(s)+1  那么print(t)的结果为24.4。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 28. | 在Python中，input("请输入")，运行后如果输入3+8，则返回结果为11。 |
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| 29. | as，is，class是Python中常用保留字，不可以作为变量名。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 30. | 当启动IDLE时，默认打开的是交互式编程环境，如果要编写连续的程序，需要使用  脚本式编程环境，在IDLE中菜单栏中选择File→New File新建打开。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 31. | 使用三层双引号或三层单引号都可以做多行注释。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 32. | Turle库中，turtle.backward(200)和turtle.forward(-200)的使用效果是一样的。 |
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| 33. | 语句m+=n的意义是m=m+n。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 34. | turtle.color("red", "blue")  turtle.circle(120,steps=3)  可以画出一个边框为红色，里面填充颜色为蓝色的三角形。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 35. | int(6.9)运行结果是7。 |
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三、编程题(共2题，共30分)

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| 36. | 计算题：（10分） 时间转换：输入一个总秒数，计算是几小时几分钟几秒，并一行输出。  要求： a)输入一行，一个整数，表示总秒数； b)输出一行，三个整数，表示小时、分钟、秒，每两个数之间用一个空格隔开。  输入样例： 7201  输出样例： 2 0 1 |
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| 37. | 绘制如下图形：  IMG_258  1.画一个由两个直角三角形组成的正方形，边长为180像素；  2.左上三角形填充为黄色，右下三角形填充为红色；如上图：  3.设置画笔速度为1，线条为黑色；  4.画图结束，隐藏并停止画笔。 |
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