**青少年软件编程（Python）等级考试试卷（一级A卷）**

分数：100  题数：38

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| **总体情况** | | | | | | | | | |
| 姓名 | 开始时间 | 结束时间 | 用时(分钟) | 得分 | 得分率 | 是否通过 | 考试状态 |  |  |

一、单选题(共25题，每题2分，共50分)

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| 1. | 以下哪种输入结果不可能得到以下反馈： 重要的事情说三遍：安全第一！安全第一！安全第一！（ ） |
|  | |  |  | | --- | --- | | A. | print("重要事情说三遍："+"安全第一！"\*3) |  |  |  | | --- | --- | | B. | print("重要事情说三遍："+"安全第一！“+”安全第一！"\*2) |  |  |  | | --- | --- | | C. | print("重要事情说三遍："+"安全第一！"+"安全第一！"+"安全第一！") |  |  |  | | --- | --- | | D. | print("重要事情说三遍："+"安全第一！"/3) | |
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| 2. | 运行下列程序后，绘制出以下哪个图形？（ ） import turtle turtle.pensize(3) turtle.forward(150) turtle.circle(50,180) turtle.forward(180) turtle.circle(48,180) turtle.forward(150) turtle.circle(45,180) turtle.forward(120) turtle.done() |
|  | |  |  | | --- | --- | | A. | IMG_256 |  |  |  | | --- | --- | | B. | IMG_257 |  |  |  | | --- | --- | | C. | IMG_258 |  |  |  | | --- | --- | | D. | IMG_259 | |
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| 3. | 执行print(1 + 2 \* 2+ 6 / 3) 的结果为?（ ） |
|  | |  |  | | --- | --- | | A. | 4 |  |  |  | | --- | --- | | B. | 7 |  |  |  | | --- | --- | | C. | 4.0 |  |  |  | | --- | --- | | D. | 7.0 | |
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| 4. | 已知变量x=2，语句print("x=",x)的作用是？（ ） |
|  | |  |  | | --- | --- | | A. | 在屏幕上输出x=x |  |  |  | | --- | --- | | B. | 在屏幕上输出2=2 |  |  |  | | --- | --- | | C. | 在屏幕上输出x=2 |  |  |  | | --- | --- | | D. | 在屏幕上输出“x=”2 | |
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| 5. | 执行下面程序后，画布上会出现几只海龟？（ ）  import turtle  t1=turtle.Turtle('turtle') t2=turtle.Turtle('turtle') t3=turtle.Turtle('turtle') t4=turtle.Turtle('turtle')  t1.forward(50) t2.forward(100) t3.forward(150) t4.forward(200) |
|  | |  |  | | --- | --- | | A. | 0 |  |  |  | | --- | --- | | B. | 1 |  |  |  | | --- | --- | | C. | 4 |  |  |  | | --- | --- | | D. | 5 | |
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| 6. | print(24%5),运算结果是？（ ） |
|  | |  |  | | --- | --- | | A. | 1 |  |  |  | | --- | --- | | B. | 2 |  |  |  | | --- | --- | | C. | 3 |  |  |  | | --- | --- | | D. | 4 | |
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| 7. | 下面哪个指令不可以让海龟回到坐标（0，0）点？（ ） |
|  | |  |  | | --- | --- | | A. | turtle.goto(0,0) |  |  |  | | --- | --- | | B. | turtle.home() |  |  |  | | --- | --- | | C. | turtle.setposition(0,0) |  |  |  | | --- | --- | | D. | turtle.set(0,0) | |
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| 8. | 以下程序输出的结果是？（ ）  a=30  b=5  print(a/b) |
|  | |  |  | | --- | --- | | A. | 6 |  |  |  | | --- | --- | | B. | 30/5 |  |  |  | | --- | --- | | C. | 6.00 |  |  |  | | --- | --- | | D. | 6.0 | |
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| 9. | print(46//8)的结果是？（ ） |
|  | |  |  | | --- | --- | | A. | 5 |  |  |  | | --- | --- | | B. | 6 |  |  |  | | --- | --- | | C. | 5.7 |  |  |  | | --- | --- | | D. | 5.75 | |
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| 10. | Python启动后显示的提示符是？（ ） |
|  | |  |  | | --- | --- | | A. | c:\> |  |  |  | | --- | --- | | B. | >>> |  |  |  | | --- | --- | | C. | --- |  |  |  | | --- | --- | | D. | %%% | |
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| 11. | 下列代码不能画出直径为10的点的是?（ ） |
|  | |  |  | | --- | --- | | A. | turtle.pensize(10) turtle.pendown() |  |  |  | | --- | --- | | B. | turtle.dot(10) |  |  |  | | --- | --- | | C. | turtle.begin\_fill() turtle.circle(5) turtle.end\_fill() |  |  |  | | --- | --- | | D. | turtle.begin\_fill() turtle.circle(10) turtle.end\_fill() | |
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| 12. | 已知变量a=5，b=6，执行语句a\*=a+b后，变量a的值为：（ ） |
|  | |  |  | | --- | --- | | A. | 11 |  |  |  | | --- | --- | | B. | 30 |  |  |  | | --- | --- | | C. | 31 |  |  |  | | --- | --- | | D. | 55 | |
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| 13. | 如果a=23，b=10，那么print（a%b）的结果是？（ ） |
|  | |  |  | | --- | --- | | A. | 2 |  |  |  | | --- | --- | | B. | 3 |  |  |  | | --- | --- | | C. | 23 |  |  |  | | --- | --- | | D. | 2.3 | |
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| 14. | 下列表达式的值为True的是？（ ） |
|  | |  |  | | --- | --- | | A. | 'a'>'b' |  |  |  | | --- | --- | | B. | 2>3 |  |  |  | | --- | --- | | C. | 'A'>'a' |  |  |  | | --- | --- | | D. | '3'>'2' | |
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| 15. | 已知x=5，y=6，则表达式not(x!=y)的值为：（ ） |
|  | |  |  | | --- | --- | | A. | True |  |  |  | | --- | --- | | B. | False |  |  |  | | --- | --- | | C. | 5 |  |  |  | | --- | --- | | D. | 6 | |
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| 16. | 执行下面程序后，以下哪个图形是正确的？（ ）  import turtle turtle.shape('square') turtle.home() turtle.dot() turtle.stamp() turtle.forward(100) turtle.setheading(90) turtle.stamp() turtle.forward(100) turtle.left(90) turtle.stamp() turtle.forward(100) turtle.left(90) turtle.stamp() turtle.forward(100) |
|  | |  |  | | --- | --- | | A. | IMG_260 |  |  |  | | --- | --- | | B. | IMG_261 |  |  |  | | --- | --- | | C. | IMG_262 |  |  |  | | --- | --- | | D. | IMG_263 | |
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| 17. | 输出如下古诗，请问哪句是正确的？（ ）   闻道梅花坼晓风，雪堆遍满四山中。 何方可化身千亿，一树梅花一放翁。 |
|  | |  |  | | --- | --- | | A. | print(     '闻道梅花坼晓风，雪堆遍满四山中。      何方可化身千亿，一树梅花一放翁。') |  |  |  | | --- | --- | | B. | print('闻道梅花坼晓风，雪堆遍满四山中。' '何方可化身千亿，一树梅花一放翁。') |  |  |  | | --- | --- | | C. | print('''闻道梅花坼晓风，雪堆遍满四山中。 何方可化身千亿，一树梅花一放翁。''') |  |  |  | | --- | --- | | D. | print("闻道梅花坼晓风，雪堆遍满四山中。"\n "何方可化身千亿，一树梅花一放翁。") | |
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| 18. | 执行以下两段代码  a=123  print(a%100%10)  结果应该是？（ ） |
|  | |  |  | | --- | --- | | A. | 1 |  |  |  | | --- | --- | | B. | 2 |  |  |  | | --- | --- | | C. | 3 |  |  |  | | --- | --- | | D. | 1.23 | |
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| 19. | 下面哪个程序，最有可能得到下面这个图形？（ ）  IMG_264 |
|  | |  |  | | --- | --- | | A. | turtle.setheading(0) turtle.circle(50,90) turtle.circle(-50,-90) turtle.circle(50,90) turtle.circle(-50,-90) |  |  |  | | --- | --- | | B. | turtle.setheading(-180) turtle.circle(50,90) turtle.circle(-50,-90) turtle.circle(-50,-90) turtle.circle(50,90) |  |  |  | | --- | --- | | C. | turtle.setheading(90) turtle.circle(50,90) turtle.circle(50,90) turtle.circle(-50,-90) turtle.circle(-50,-90) |  |  |  | | --- | --- | | D. | turtle.setheading(270) turtle.circle(-50,-90) turtle.circle(50,90) turtle.circle(50,90) turtle.circle(-50,-90) | |
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| 20. | 下面描述中，不符合Python语言特点的是：（ ） |
|  | |  |  | | --- | --- | | A. | Python是一门面向对象的编程语言 |  |  |  | | --- | --- | | B. | Python程序通过编译后执行 |  |  |  | | --- | --- | | C. | Python支持函数编程 |  |  |  | | --- | --- | | D. | Python支持多个操作系统 | |
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| 21. | 下列哪个不是Python的保留字？（ ） |
|  | |  |  | | --- | --- | | A. | if |  |  |  | | --- | --- | | B. | or |  |  |  | | --- | --- | | C. | do |  |  |  | | --- | --- | | D. | for | |
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| 22. | 执行下列语句后的显示结果是什么？（ ） b = 2 \* a / 4 a = 1 print(a,b) |
|  | |  |  | | --- | --- | | A. | 1 , 0.5 |  |  |  | | --- | --- | | B. | 1 , 0 |  |  |  | | --- | --- | | C. | 报错 |  |  |  | | --- | --- | | D. | 0 , 1 | |
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| 23. | a=5 print(‘a+4') 以上两段代码的结果是？（ ） |
|  | |  |  | | --- | --- | | A. | 9 |  |  |  | | --- | --- | | B. | ’a+4‘ |  |  |  | | --- | --- | | C. | 无结果，出错 |  |  |  | | --- | --- | | D. | a+4 | |
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| 24. | 以下选项中，Python语言中代码注释使用的符号是？（ ） |
|  | |  |  | | --- | --- | | A. | /… …/ |  |  |  | | --- | --- | | B. | ！ |  |  |  | | --- | --- | | C. | # |  |  |  | | --- | --- | | D. | // | |
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| 25. | 在turtle库中的指令，执行以下代码指令后，走出的一个正方形形状，  此时海龟的面朝方向应该是往哪里？（ ）  import turtle  turtle.goto(0,0)  turtle.goto(0,100)  turtle.goto(100,100)  turtle.goto(100,0)  turtle.goto(0,0) |
|  | |  |  | | --- | --- | | A. | 水平向左 |  |  |  | | --- | --- | | B. | 水平向右 |  |  |  | | --- | --- | | C. | 垂直向上 |  |  |  | | --- | --- | | D. | 垂直向下 | |
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二、判断题(共10题，每题2分，共20分)

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| 26. | 语句：  print( "a", end=" " )  print("b", end=" " )  的显示结果是a b。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 27. | print()函数不可以在屏幕上打印出空行。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 28. | Turtle库中，使用circle(20)命令，指的是画出以画布正中央为圆心，半径为20的圆形。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 29. | 在IDLE编辑器中，Python代码的字体和字号可以根据需要自行设置，方便大家的使用。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 30. | Abc、aBc、abC是三个不同的变量。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 31. | one,two,three='1',3,5; print(one+two+three)运行结果是9。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 32. | a\*=b，就是a=b\*b。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 33. | Python除了用自带的IDLE进行编程外还可以用其他编程环境进行程序编写，  比如JupyterNotebook。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 34. | turtle.circle(50,steps=5)命令可以画一个五角星。 |
|  | |  |  |  | | --- | --- | --- | | 正确 | 错误 |  | |
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| 35. | is和input都是关键字，不能随意使用。 |
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三、编程题(共3题，共30分)

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| 36. | 画出下面示意图形，要求如下：   1. 画出如下的图形，注：直线部分是由两个步长为200的线段垂直相交组成， 2. 圆的直径为200； （2）图形的中心位置为画布中心； （3）画笔宽度为2，颜色为红色。   IMG_265 |
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| 37. | 已知一头奶牛每天可以产20千克牛奶。N(N为变量)头奶牛7天可以产多少千克的牛奶？  要求：   1. 程序开始运行后，会有提示字符串：“请输入奶牛的头数：”，完成奶牛头数的输入； 2. （可以直接赋值提示字符串到程序中，提示字符串包括冒号，但不包括双引号） 3. 程序会根据输入的奶牛头数计算出总共产出的牛奶的重量，并将结果进行修饰然后 4. 输出。示例：如果输入奶牛的头数为10，则输出“10 头奶牛7天可以产 1400 千克 5. 的牛奶” |
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