Name: Class: Mark:

1. State the values of a, b, c, d and e after the following operations are carried out: [5]

(a) a = 26 mod 5

(b) b = 142 div 7

(c) c = (7 + 3) \* 4 – 1

(d) d = 15.6 / 3 + 4.8 / 2

(e) e = "4" + "56"

2. The function ASC('a') evaluates to 97, the ASCII value of the character ‘a’.

CHR(97) evaluates to 'a'.

State what is output by this algorithm: [4]

x = ASC('b')

y = x + 1

z = x – 1

w = CHR(y) + CHR(z)

print(x)

print(y)

print(z)

print(w)

3. What is output by the following algorithm? [3]

notice = "Please do not walk on the grass"

stringLength = notice.length

left = notice.left(11)

right = notice.right(11)

print(stringLength)

print(left)

print(right)

[Total 12 marks]