**CS3237 Introduction to IoT**

**Lab 4**

**ANSWER BOOK**

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**Question 1 (2 MARKS)**

The ‘b’ means … it is present because …

‘b’ stands for ‘bytes’ - this means that what we are printing is the string decoding of a set of bytes.

**Question 2 (3 MARKS)**

The modified code is pasted below:

# extra line added to “on\_message” function to decode the string first

def on\_message(client, userdata, msg):

msg.payload = msg.payload.decode("utf-8")

print(msg.topic + " " + str(msg.payload))

**Question 3 (2 marks)**

How I avoid long model load delays is:

**Question 4 (2 mark)**

I do/do not (cancel one) need to freeze weights because:

**Question 5 (4 marks)**

My predict function WITH explanation is:

**Question 6 (4 marks)**

Relevant code with explanation:

**Question 7 (3 marks)**

My sample output:

The accuracy of my classify is:

**TOTAL: \_\_\_\_\_\_\_ / 20**