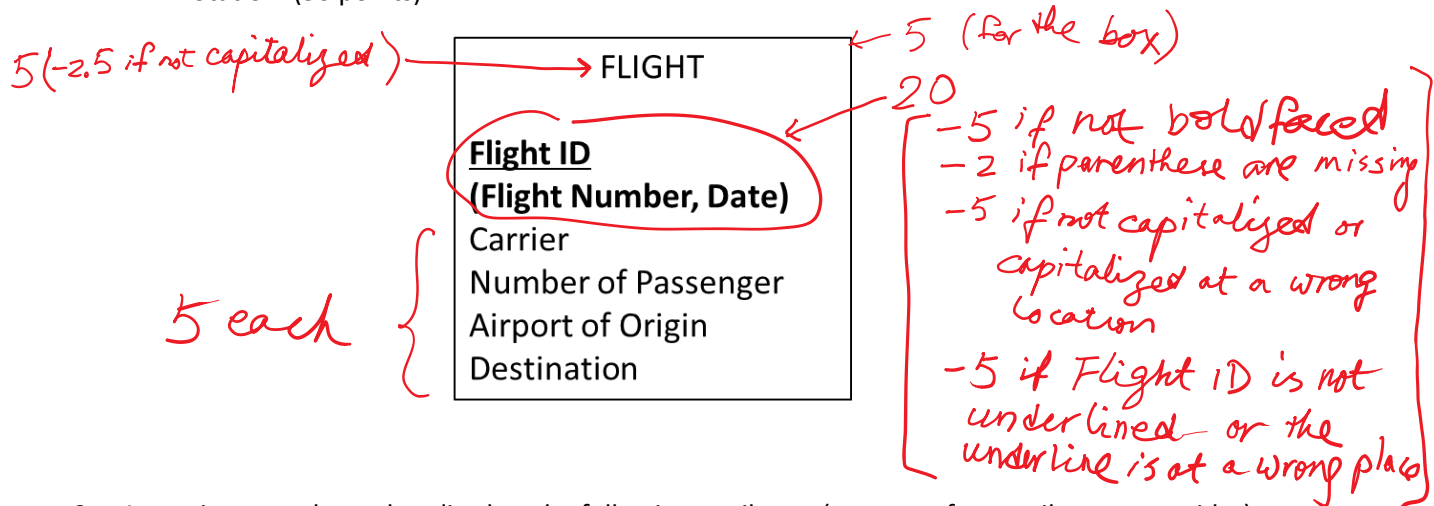# STSCI 5060 Pop Quiz 1 Solution

9/19/2018

Name:

NetID:

1. An entity called flight has the following attributes: flight id containing flight number and date, carrier, number of passengers, airport of origin, and destination. Draw an entity using the HRT notation. (50 points)

5 (−2.5 if not capitalized) →

← 5 (for the box)

FLIGHT

Flight ID
(Flight Number, Date)
Carrier
Number of Passenger
Airport of Origin
Destination

5 each {

20
−5 if not boldfaced
−2 if parenthese are missing
−5 if not capitalized or capitalized at a wrong location
−5 if Flight ID is not underlined or the underline is at a wrong place

2. An entity named merchandise has the following attributes (or parts of an attribute to consider): merchandise ID, merchandise name, manufacturer, price history (containing date effective and price). Draw an entity using the HRT notation. (50 points)

5 (for the box) →

MERCHANDISE *← 5 (−2.5 if not capitalized)*

Merchandise ID
Merchandise Name
Manufacturer
{Price History
(Date Effective, Price)}

5 each {

10
−2.5 if not boldfaced
−2.5 if not underlined

20
−5 if curly brackets are missing or in a wrong location
−5 if parenthese are missing or at a wrong location