Tarleton State University Invitational CDE's
Veterinary Science

Practicum #1
Dosage Calculation

*Following are multiple-choice and True/False examination items. Select your choice by bubbling in the correct answer in the **"Assessment and Solution"** section of the Scan Sheet.*

Scenario

Olive is a 44 lb. canine. Olive is prescribed 50 mg/kg/day of Amoxicillin to be administered in 2 doses per day for 10 days. The drug is available in 500 mg tablets at $0.60/tablet.

1. What is the dog's current body weight?
   A) 22 lbs.
   B) 44 lbs.
   C) 50 lbs.
   D) 88 lbs.

2. What is the converted rounded body weight in kilograms?
   A) 20 kg
   B) 44 kg
   C) 79 kg
   D) 175 kg

3. How many times per day will the drug be administered?
   A) 1
   B) 2
   C) 3
   D) 4

4. What is the recommended calculated rounded daily dosage based on the dog's weight?
   A) 500 mg/day
   B) 1000 mg/day
   C) 2200 mg/day
   D) 5000 mg/day

5. What rounded amount of medication is to be administered per dose?
   A) 300 mg
   B) 500 mg
   C) 1000 mg
   D) 2500 mg

6. What is the size of tablets the medication comes in?
   A) 20 mg
   B) 60 mg
   C) 500 mg
   D) 1000 mg

7. What is the number of tablets to be administered per dose?
   A) 1 Tablet
   B) 2 Tablets
   C) 3 Tablets
   D) 4 Tablets

8. How many tablets are needed per day?
   A) 1 Tablet
   B) 2 Tablets
   C) 3 Tablets
   D) 4 Tablets

9. What is the total number of tablets needed to complete the drug course?
   A) 2 Tablets
   B) 10 Tablets
   C) 20 Tablets
   D) 50 Tablets

10. What is the total cost of the prescribed medication?
    A) $6.00
    B) $12.00
    C) $300.00
    D) $600.00

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Answer Key

1. B
2. A
3. B
4. B
5. B
6. C
7. A
8. B
9. C
10. B

5 points each for 50 total points