Subject no. 1
Calculate the necessary of Acepromazine 1% to sedate a 35 kg dog, the dose is between 0.25-0.5 mg/kg bw, I.M. or I.V.

Subject no. 2
Calculate the necessary of Rimadyl (Carprofen), 50 mg tablets for a 27 kg dog, the dose: is 2.0 mg / kgbw, twice per day, for 7 days.

Subject no. 3
Calculate the necessary of Ceftiofur (Excenel) 5% for a 450 kg cattle, the dose is 1.0 mg / kgbw, I.M., once a day, for 3 days.

Subject no. 4
Calculate the necessary of Excenel (Ceftiofur 50mg / ml), for a 90 kg pig, the dose is: 3.0 mg / kg.bw / day, I.M., for 3 days.

Subject no. 5
Calculate the necessary of Cimetidine 100 mg / ml, vials of 2 ml, for a 20 kg dog, the dose is 5.0 mg / kg.bw, I.V., three times pre day, for 3 days.

Subject no. 6
Calculate and prescribe the necessary of Ciprofloxacin (one tablet of 100 mg), for a 5 kg cat, the dose is 10.0 mg / kg.bw, twice daily, for 5 days.

Subject no. 7
Calculate the necessary of Dexamethasone (2mg / ml) for a 45 kg dog, the dose is: 0,10-0,20 mg / kg bw, S.C., one administration to every 2 days, 3 doses.

Subject no. 8
Calculate the necessary of Doxycycline tablets of 20 mg, for a 4 kg cat, the dose is: 5-10 mg/kg.bw, one administration per day, for 4 days.

Subject no. 9
Calculate the necessary of Dectomax (Doramectin 10 mg/ml), for a 15 kg dog, the dose is: 0.2 mg / kg.bw., S.C., in one administration.

Subject no. 10
Calculate the necessary of Enrofloxacin 10% for a 23 kg dog, the dose is 5.0-10.0 mg/kg bw., I.M., one administration per day, for 5 days.

Subject no. 11
Calculate the necessary of Enrofloxacin 10%, for a 450 kg cattle, the dose is: 5mg /kg.bw., I.M., one administration / day, for 3 days.

Subject no. 12
Calculate the necessary of Finadyne (flunixine meglumine, concentration of 50 mg / ml) for a 4 kg cat, the dose is: 0.3 mg / kg.bw., I.M., S.C. in one administration / day, for 4 days.

Subject no. 13
Calculate the necessary of Furosemid (concentration 10 mg / ml) for a 10 kg dog, the dose is: 1-2 mg/kg.bw, I.V., 3 administrations per day, for 2 days.

Subject no. 14
Calculate the necessary of Genta-ject 10% (gentamicin) for a 20 kg dog, the dose is: 2.0 - 4.0 mg / kg.bw, I.M, twice per day, for 3 days.

Subject no. 15
Calculate the necessary of Hydrocortisone (100 mg / 2ml vials) for a 15 kg dog, the dose is: 5.0 mg / kg.bw, I.V.

Subject no. 16
Calculate the necessary of Imizol (imidocarb, 120 mg / ml), to a 12 kg dog, the dose is: 5.0 mg / kg.bw, S.C, in a single administration.

Subject no. 17
Calculate the necessary Metacam (meloxicam 0.5 mg / ml), oral suspension, for a 5.5 kg cat, the dose is 0.03 mg/kg.bw, P.O., one administration / day, for 5 days.

Subject no. 18
Calculate the necessary Metoclopramid vials of 2ml (concentration: 5.0 mg/ml) for a 5 kg dog, the dose is 0.5 mg/kg.bw, S.C, twice daily, for 3 days.

Subject no. 19
Calculate the necessary Metronidazole perfusable solution for *Giardia sp.* (concentration of: 5 mg/1 ml) for a 10 kg dog, the dose is: 15.0 mg / kg.bw, I.V., twice daily, for 7 days.

Subject no. 20
Calculate the necessary Ketamine 10% for a 450 kg horse, the dose is 2.0 mg / kg.bw, I.V.

Subject no. 21
Calculate the necessary Omeprazole (capsules of 10 mg) far a 20 kg dog, the dose is 0.5 mg/kg.bw, P.O., once a day, for 14 days.

Subject no. 22
Calculate the necessary of Phenobarbital (tablets of 20 mg) for a 5 kg cat, the dose is 2.0 mg / kg.bw, P.O., twice per day, for 7 days.

Subject no. 23
Calculate the necessary of Atropine (15.0 mg / ml) for a 4 kg cat (intoxicated with organophosphorics), the dose is 0.5 mg /kg.bw, I.V., 4 administrations per day, for one day.

Subject no. 24
Calculate the necessary of Calcium borogluconate sol. 10% for a 10 kg dog, the dose is 0.10-0.20 mg / kg.bw, I.V., once a day, for 2 days.

Subject no. 25
Calculate the necessary of Imaverol 10% (enilconazole) for spraying of 1 litre solution / administration to a large dog. Treatment solution will have a concentration of 2%, for five administrations, every 3 or 4 days.

Subject no. 26
Calculate the necessary of Imodium (loperamid) 2 mg capsules for a 20 kg dog, the dose is 0.1 - 0.2 mg / kg.bw, 3 administrations per day, for 2 days.

Subject no. 27
Calculate the necessary of Genta-Ject (gentamicine 10%) for a 400 kg cattle, the dose is 2-3 mg/kg bw, I.M, once per day, for 4 day.

Subject no. 28
Calculate the necessary of Excenel (ceftiofur 50 mg / ml) for a 500 kg horse, the dose is: 2.0-5.0 mg/kg.bw, I.M. or I.V., twice per day, for 5 days.

Subject no. 29
Calculate the necessary of Ivermectin 10 mg / ml (oral paste) for a 300 de kg horse, the dose is 0.2 mg/kg.bw, P.O., in a single administration.

Subject no. 30
Calculate the necessary Calcium borogluconate 20% for a 400 kg horse, the dose is: 150 - 250 mg/kg.bw, I.V. Calcium borogluconate comes in 100 ml vials.

Subject no. 31
Calculate the necessary injectable Lincomix 10% (lincomycin) for a 80 kg pig, the dose is: 10.0 mg / kg.bw, I.M., once a day, for 3 days.

Subject no. 32
Calculate the necessary of injectable Tylosin 20% for a 380 kg cattle, the dose is 10.0-15.0 mg / kg.bw, I.M., once a day, for 4 days.

Subject no. 33
Calculate the necessary Levamisole 7.5% for deworming 50 sheep with an average weight of 40 kg, the dose is: 7.5 mg/kg bw., S.C.

Subject no. 34
Calculate the necessary of Oxytetracycline 10% for a 55 kg pig, the dose is: 10 mg / kg.bw, I.M., once a day, for 5 days.

Subject no. 35
Calculate the necessary of avian Rombendazol F tablets (of 0.01g / tablet), for 50 chickens with 2 kg average weight, the dose is: 5 mg/kg.bw, once a day, for 2 days.

Subject no. 36
Calculate the necessary of Calcium chloride for a 400 kg mare. The dosage is: 0.10 g / kg.bw, having 100 ml vials of 10% commercial solution.

Subject no. 37
Calculate the necessary Neomicyn 4% for a 20 kg dog, the dosage is 3.0-5.0 mg / kg.bw, I.M., once a day, for 4 days.

Subject no. 38
Calculate the necessary Strychnine for a 15 kg dog, the dosage is 0.1 mg/kg bw, two S.C. administrations in a 1‰ solution, (strychnine comes in 1 ml vials).

Subject no. 39
Calculate the necessary Ivomec 1% for 3 pigs with the following weights: 120, 90 and 70 kg, knowing that the dose is 0.30mg/ kg, s.c. administration.

Subject no. 40
Calculate the necessary Vetoprim sol. 20% (trimethoprim + sulphadimidin + vitamins) for a 40 kg sheep, the dosage is 0,10g/kg bw, I.M., once a day, for 4 days.

Subject no. 41
Calculate the necessary of Chloralose powder, for narcosis of a 6 kg dog, the dosage is: 8 mg / kg.bw, I.V., administrated *ex tempore* in a 1.2% concentration.

Subject no. 42
Prescribe the necessary Florosil powder for 120 piglets with ascaridiosis, the average weight of a piglet is 30 kg, and the *pro dosis* quantity is 0.6 g / head, administered three times per day, for 3 days.

Subject no. 43
Prescribe the necessary Florfenicol 10% for a 100 kg cattle, the dosage is: 5 mg / kg.bw, i.m., once a day, for 4 days.

Subject no. 44
Calculate the necessary of Largactil (chlorpromazine) (vials of 5 ml with 100 mg active substance), for tranquilizing a 500 kg stallion, the dose is: 0,001g/kg bw.

Subject no. 45
Calculate the necessary Panacur (fenbendazole) for a herd of 150 sheep, with an average weight of 45 kg / sheep. The dose is: 7.5 mg / kg.bw, P.O. Panacurul comes in 1litre bottles, with concentration of 10 %.

Subject no. 46
Calculate the necessary of Rompun 2% for of a 550 kg stallion, the dose is: 2.0 mg / kg.bw., i.m.

Subject nr. 47
Calculate and prescribe the necessary Bisolvon powder 10mg / g (bromhexine) for a 500 kg horse, the dose is de 0.2-0.4 mg/kg bw, once daily, for 7 days

Subject nr. 48
Calculate the necessary Bisolvon powder 10mg / g (bromhexine) for a 25 kg dog, the dose is 2 mg/kg bw, twice per day, for 5 days

Subject nr. 49
Calculate the necessary Codeine (30 mg tablets) for a 15 kg dog, the dose is: 0.5-2.0 mg / kg.bw, twice per day, for 3 days.

Subject nr. 50
Calculate the necessary Miofilin (aminophylline) tablets of 100 mg, for a 15 kg dog, the dose is: 3.0-5.0 mg/kg bw, twice per day for 7 days.

Subject nr. 51
Calculate the necessary Calmaben (diphenhydramine) tablets of 50 mg for a 15 kg dog, the dose is 2.0-4.0 mg / kg.bw, once daily, for 3 days.

Subject nr. 52
Calculate the necessary Acetylcysteine (N-acetylcysteine) tablets of 200 mg, for a 15 kg dog, the dose is 10 mg/kg.bw., two administrations per day, for 7 day.

Subject nr. 53
Calculate the necessary Equimucil 20% (acetylcysteine) for a 550 kg horse; the dose is: 5.0-10.0 mg/kg.bw., I.V., one administration per day, for 5-15 days.