**Question 1**

Amantadine:

Select one:

a. Gastrointestinal intolerance is a common side effect

b. All of the above

c. Is effective in preventing influenza A virus infection

d. Is an antiviral drug

Answer B. Katzung 11th Edition pg 871

**Question 2**

Mefloquine is contraindicated if there is a history of:

Select one:

a. Psoriasis

b. Epilepsy or psychiatric disorder

c. Ischaemic heart disease

d. Porphyria

Answer B. Katzung 11th Edition pg 907 “epilepsy and psychiatric disorders”

**Question 3**

Treatment of malarial infection (P. ovale) should be with:

Select one:

a. Chloroquine alone

b. Quinine dihydrochloride

c. Chloroquine and primaquine

d. Chloroquine and mefloquine

Answer C. Katzung 11th Edition pg 903 table 52-3

**Question 4**

Which is true of metronidazole?

Select one:

a. Absorption is reduced by the presence of food

b. It does not penetrate well into the CSF

c. It is the drug of choice in urogenital trichomoniasis

d. Its action is solely bacteriostatic

Answer C. Katzung 11th Edition pg 877 “trichomonas”

**Question 5**

Which is true of the adverse effects of metronidazole?

Select one:

a. Pancreatitis is common

b. Alcohol has no effect on a patient taking this drug

c. Peripheral neuropathy may develop with prolonged use

d. Urine may turn blue

Answer C. Katzung 11th Edition pg 877 “peripheral neuropathy with prolonged use”

**Question 6**

Which statement regarding acyclovir is INCORRECT?

Select one:

a. It is active against cytomegalovirus

b. It can cause renal insufficiency

c. Resistance to acyclovir does not usually imply resistance to valacyclovir

d. It inhibits viral DNA replication

Answer C. Katzung 11th Edition pg 846 “cross resistance to valacyclovir”

**Question 7**

Which statement regarding nitrofurantoin is correct?

Select one:

a. It does not cause haemolytic anaemia

b. It is active against pseudomonas aeruginosa

c. It requires alkaline urine for maximal efficacy

d. It has no systemic antibacterial activity

Answer D. Katzung 11th Edition pg 878 “no systemic acivity”

**Question 8**

Which statement regarding zidovudine (AZT) is INCORRECT?

Select one:

a. It inhibits activity of viral DNA polymerase (reverse transcriptase)

b. CSF levels are about 60 % of plasma levels

c. Adverse effects include drowsiness and coma

d. It reduces the rate of disease progression in HIV

Answer C. Katzung 11th Edition pg 861 “myelosuppression”

**Question 9**

With respect to antiviral therapy:

Select one:

a. Valacyclovir is converted to acyclovir when taken orally

b. Indinovir is a reverse transcriptase inhibitor

c. Zidovudine (AZT) is a reverse transcriptase inhibitor and can only be administered orally

d. Acyclovir is only effective against herpes simplex and varicella zoster virus

Answer A. Katzung 11th Edition pg 847 “rapidly converted to acyclovir”

**Question 10**

Zidovudine (AZT):

Select one:

a. Inhibits synthesis of proviral DNA

b. Stimulates reverse transcriptase

c. Must be given parenterally

d. Acts on thymidine kinase

Answer A. Katzung 11th Edition pg 856 “growing viral DNA”