**Question 1**

Chloramphenicol has been associated with the following EXCEPT:

Select one:

a. Aplastic anaemia

b. Grey baby syndrome

c. Oesophageal candidiasis

d. Red man syndrome

Answer D. Katzung 11th Edition pg 803

**Question 2**

Features of third generation cephalosporins include:

Select one:

a. Reliable high oral bioavailability

b. Consistent activity against Haemophilus and Neisseria species

c. Good efficacy against gram positive organisms

d. All have reliable activity in cases of pseudomonas aeruginosa meningitis

Answer B. Katzung 11th Edition pg 783 “strains of haemophilus and neisseria”

**Question 3**

Regarding ceftriaxone:

Select one:

a. It does not penetrate the central nervous system well

b. It is excreted mainly by the biliary system

c. It is active when administered orally

d. It is a second generation cephalosporin

Answer B. Katzung 11th Edition pg 784 “mainly through the biliary tract”

**Question 4**

Regarding gentamicin:

Select one:

a. Purulent exudates do not affect the activity of topical antibiotics

b. If organisms are resistant to gentamicin, they will also be resistant to amikacin

c. Most streptococci are sensitive to gentamicin

d. Ototoxicity manifests itself mainly as vestibular dysfunction

Answer D. Katzung 11th Edition pg 811 “or as vestibular damage”

**Question 5**

Regarding tetracyclines:

Select one:

a. Gram negative micro organisms do not develop resistance to tetracyclines

b. They act by binding to the 50S ribosome

c. Doxycycline is mainly excreted in the urine

d. Oral absorption is impaired by aluminium hydroxide gels

Answer D. Katzung 11th Edition pg 796 “impaired by Al3+”

**Question 6**

The main route of elimination of penicillin is:

Select one:

a. Active secretion in the renal tubules

b. De-acetylation in the liver

c. Biliary excretion

d. Glomerular filtration

Answer A. Katzung 11th Edition pg 777 “rapidly excreted by the kidneys”

**Question 7**

Toxic shock syndrome is most appropriately treated with which antibiotic?

Select one:

a. Flucloxacillin

b. Amoxycillin

c. Penicillin

d. Erythromycin

Answer A. Katzung 11th Edition pg 779 “serious systemic infections”

**Question 8**

Which is correct regarding erythromycin?

Select one:

a. It is only bacteriostatic

b. Resistance results from selection of permeability mutants

c. Clinical uses include action against gram +ve cocci, Neisseria, mycoplasma, chlamydia and legionella

d. It is an aminoglycoside antibiotic

Answer C. Correct. Katzung 11th Edition pg 799 “chlamydia etc”

**Question 9**

Which is correct regarding vancomycin?

Select one:

a. It exhibits cross resistance with beta lactams

b. It does not penetrate the CNS

c. It can be synergistic with aminoglycosides

d. It is well absorbed following oral administration

Answer C. Katzung 11th Edition pg 786 “synergistic with gentamicin”

**Question 10**

Which of the following does NOT act primarily by inhibiting protein synthesis?

Select one:

a. Gentamicin

b. Erythromycin

c. Vancomycin

d. Clindamycin

Answer C. Katzung 11th Edition pg 786 “inhibits cell wall synthesis”