**Question 1**

A 15 year old girl suffers from a malabsorption syndrome characterised by the malabsorption of fat. In which vitamin is she MOST likely to be deficient?

Select one:

a. Niacin

b. B6

c. Vit K

d. Pantothenic acid

Answer A. Robbins 8th Edition pg 438 table 9-9

**Question 2**

Cessation of cigarette smoking causes the most prompt reduction in risk for:

Select one:

a. Lung cancer

b. Myocardial infarction

c. Stroke

d. Chronic obstructive airways disease

Answer B. Robbins 8th Edition pg 410 “greatly reduces… cardiovascular diseases”

**Question 3**

In males, cigarette smoking is MOST likely to cause cancer of the:

Select one:

a. Larynx

b. Oesophagus

c. Lung

d. Lip, oral cavity and pharynx

Answer C. Robbins 8th Edition pg 411 “most common diseases include lung cancer”

**Question 4**

Manifestations of decompression sickness include:

Select one:

a. Substernal pain

b. Caisson disease of the bone

c. All of the above

d. Vertigo

Answer C. Robbins 8th Edition pg 127 “caisson disease”

**Question 5**

Which acute radiation effects occur at a dose of 10-20 Sv?

Select one:

a. Shock and death in 10 – 14 days even with replacement therapy

b. Maximum neutrophil and platelet depression in 2 weeks

c. Coma in 15 minutes, absent lymphocytes

d. Mild nausea and vomiting

Answer A. Robbins 8th Edition pg 425 table 9-8

**Question 6**

Which condition is six times more common in obese than in lean subjects?

Select one:

a. Hypoventilation syndrome

b. Osteoarthritis

c. Cholelithiasis

d. Hypertension

Answer C. Robbins 8th Edition pg 442 “six times more common”

**Question 7**

Which disease may be caused by mercury toxicity?

Select one:

a. Anaemia, colic

b. Chronic lung hypersensitivity

c. Muscle tremors, dementia

d. Prostate cancer

Answer C. Robbins 8th Edition pg 407 “tremor and bizarre behaviour”

**Question 8**

Which drug does NOT cause acute tubular or papillary necrosis?

Select one:

a. Amphoteracin B

b. Cyclosporine

c. Aminoglycosides

d. Theophylline

Answer D. Robbins 8th Edition pg 416 table 9-5

**Question 9**

Which vitamin deficiency is correctly paired with its characteristic symptom/sign?

Select one:

a. Vitamin D deficiency : Pellagra

b. Vitamin C deficiency : Spinocerebellar degeneration

c. Vitamin A deficiency : Squamous metaplasia

d. Vitamin B2 deficiency: Megaloblastic anaemia

Answer C. Robbins 8th Edition pg 438 table 9-9

**Question 10**

Possible consequences of heroin addiction include all of the following EXCEPT:

Select one:

a. Amyloidosis

b. Sudden death

c. Acute pulmonary oedema

d. Gastric erosions

Answer D. Robbins 8th Edition pg 418