**Question 1**

Which tumour is most commonly associated with Cushing’s syndrome?

Select one:

a. Pancreatic carcinoma

b. Renal carcinoma

c. Small cell carcinoma of the lung

d. Hepatocellular carcinoma

Answer C. Robbins 8th Edition pg 322 “50% of individuals with Cushings have carcinoma of the lung”

**Question 2**

What is the most common paraneoplastic syndrome?

Select one:

a. Anaemia

b. Hypercalcemia

c. Cushing’s syndrome

d. Venous thrombosis

Answer B. Robbins 8th Edition pg 322 “hypercalcaemia is the most common paraneoplastic syndrome”

**Question 3**

Which tumour is NOT observed to undergo spontaneous regression?

Select one:

a. Cholangiocarcinoma

b. Retinoblastoma

c. Choriocarcinoma

d. Neuroblastoma

Answer A. Robbins 8th Edition pg 880 “in any case, the prognosis is dismal”

**Question 4**

Which is the commonest site of blood borne metastases?

Select one:

a. Liver

b. Lung

c. Brain

d. Bone

Answer A. Robbins 8th Edition pg 270 “the liver and lungs are most frequently involved”

**Question 5**

Which is the most significant chemical carcinogen in humans?

Select one:

a. Nitrosamines

b. Asbestos

c. Aromatic polycyclic hydrocarbons

d. Azo dyes

Answer C. Robbins 8th Edition pg 310 “most potent indirect chemical carcinogens…polycyclic hydrocarbons”

**Question 6**

Alpha fetoprotein is produced in all of the following benign conditions EXCEPT:

Select one:

a. Toxic liver injury

b. Crohn’s disease

c. Hepatitis A

d. Cirrhosis

Answer B.

**Question 7**

Which tissue is most vulnerable to radiation carcinogenesis in a child?

Select one:

a. Lung

b. Thyroid

c. Gastrointestinal tract

d. Breast

Answer B. Robbins 8th Edition pg 312 “cancer of the thyroid follows closely”

**Question 8**

Which of the following is NOT a histological feature of anaplasia?

Select one:

a. Nuclear pleomorphism

b. Tumour giant cells

c. Frequent and atypical mitoses

d. Specialised functional activity of cells

Answer D. Robbins 8th Edition pg 264”anarchic, disorganised fashion”

**Question 9**

Concerning paraneoplastic syndromes:

Select one:

a. 50% of those with paraneoplastic Cushing’s syndrome have a lung primary

b. They occur in approximately 1 % of patients with advanced malignancy

c. Paraneoplastic hypercalcemia is the commonest endocrinopathy

d. Finger clubbing will be present in about 25 % of patients with bronchogenic carcinoma

Answer A. Robbins 8th Edition pg 322 “50% of individuals with Cushings have carcinoma of the lung”

**Question 10**

Regarding metastases:

Select one:

a. Highly invasive carcinomas rarely metastasise

b. Cells involved in lymphatic dissemination release degradative enzymes

c. All carcinomas have the ability to metastasise

d. Carcinomas spread more commonly via the blood than via the lymphatics

Answer B. Robbins 8th Edition pg 299 “secrete proteolytic enzymes”