



SAQ

- 1 2 examples of local amyloidosis
- 2 Enumerate 2 examples of permanent cells
- 3 Two examples of high-risk precancerous lesion
- 4 Gross picture of granulation tissue
- 5 Two examples of granulation tissues
- 6 Enumerate 2 differences between B and T lymphocytes
- 7 Enumerate 2 differences between prokaryotic and eukaryotic mRNA
- 8 Enumerate 2 differences between generalized transduction and specific transduction
- 9 Define Rhabdomyosarcoma
- 10 Define toxemia
- 1 1 Define Dysplasia
- 1 2 Explain two causes of endogenous fever
- 1 3 Two examples of infection by neural spread
- 1 4 Define Vd and enumerate its clinical significance
- 1 5 Define $t_{1/2}$ and enumerate its clinical significance
- 1 6 Side effects of beta 2 agonist
- 1 7 Indications of selective α_1 antagonists
- 1 8 What is the concept of shuttle vector
- 1 9 Mention 2 examples of biological transmission
- 2 0 Definition of metaplasia and example

2 1 Effects of viral infection on host cells

2 2 Mode of malignant tumor spread

2 3 Examples function of NK cells

2 4 Explain rationale of use tolterodine in incontinence

سؤال على الـ body بتاعت الـ cestoda 2 5

2 6 Teania capitis: sites of effect + teania barbea

ليه بنستخدم pyridostigmine بدل neostigmine في حالات myasthenia gravis 2 7

2 8 Phases of bacterial growth

2 9 Define Execution phase of apoptosis

3 0 B-blockers adverse effects

3 1 Enumerate differences between biopsy and autopsy

3 2 Define mutualism

MCQs

1 Stain and technique for fat tissue

a. Sudan III frozen section

2 Cell wall of Fungi consists of what

a. Chitin, glucans and mannans

3 Granuloma contain

a. 1) edema, epithelioid, endothelial

b. 2) endothelial, neutrophils, lymphocyte

c. 3) fibroblast, collagen

d. 4) epithelioid, lymphocyte, fibrocyte

4 First step of forming a granuloma

5 Atropine substitute in bronchial asthma

a. ipratropium

6 Nuclear fragmentation in irreversible cell injury

a. karyorrhexis

7 Scopolamine inappropriate

a. senile enlarged prostate

8 Anaphylactic shock (case): how to manage?

a. adrenaline

9 Virus

a. Require live cell to replicate

10 Lesion of thyroid tissue in tongue

a. heterotopia

1 1 Yeast

a. round to oval reproduction by budding and fission

1 2 Antidote for toxicity

a. IV

1 3 Anaplasia

a. loss of differentiation

1 4 The guardian of genome

a. P53

1 5 Excessive granulation tissue

a. Proud flesh

1 6 Term describing stimulating cause of movement of leucocytes

a. Chemotaxis

1 7 Sylvatic zoonosis

a. African trypanosome

1 8 Function of capsule

a. Antiphagocytic

1 9 Bioavailability: drug 100mg, absorbed 60mg in intestine

a. 60%

2 0 Macrophage differs from dendritic

a. Has phagocytosis effect and killing

2 1 Microaerophilic (2–10% O₂)

2 2 Indirect mechanical transmission

a. flies that stand on feces then fly over food

2 3 Azo dyes cause

a. hepatocellular carcinoma

2 4 Malignant tumor of glandular epithelium

a. carcinoma

2 5 Bacteria producing red pigment

a. *Serratia marcescens*

2 6 Drug responsible for nasal decongestant

a. oxymetazoline

2 7 Feature making diazepam cross BBB

a. lipid solubility

2 8 Vasodilation + increased permeability

a. histamine

2 9 Endotoxin in Gram -ve bacteria

a. Lipid A in lipopolysaccharide

3 0 Function of capsule

a. antiphagocytic

3 1 Protozoal pseudopodia

a. ectoplasm

3 2 Systemic or localized pyemia

a. lung abscess

3 3 Fixation

a. prevent degeneration

3 4 Cause of metastatic calcification

a. Hyperparathyroidism

3 5 Urinary incontinence

a. tolterodine

3 6 Accidental parasite

a. larvae of flies

3 7 Specific intestine ?

3 8 Cell wall synthesis inhibitors

3 9 Composite sponging

4 0 Naive

4 1 Drug not to stop suddenly

a. warfarin

4 2 Differences between incomplete and complete metamorphosis

a. incomplete contains nymph

b. complete contains pupa

4 3 Cevimeline activation

a. M3

4 4 Neostigmine inhibits

a. it interferes with cholinesterase