

BLOCK G

10. Inflammation is not associated with
Fibrosis

Angiogenesis

Resolution

Chronic tonsillitis

Acute tonsillitis

19. Imp arachidonic acid metabolites acting as chemical mediators of inflammation

A) cytokines B) chemokines C) Nitric oxide D) **prostaglandin** E) Free radicals

B) 36. The endotoxin produced by gram negative bacteria is found in?

Answer: **outer membrane**

62. A female presented with pain and swelling in right leg. Doctor advise to admit her for proper treatment prophylactically but in order to protect her from infection of hospital acquired MRSA infection which antibiotics should be given ____

A_ **vampomycin**

63. Which antimalarial drug causes dose dependent toxic state that includes flushed and sweaty skin, dizziness, nausea, diarrhea, tinnitus, blurred vision and impaired hearing:

a. Amodiquine

b. Primaquine

c. Pyrimethamine

d. **Quinine**

e. Sulfadoxine

64. A new born had hearing loss . On probing the mother she gave a history of UTI in her early second trimester for which she was given injectable antibiotics. Which of the following could've possibly caused this teratogenic effect ?

A - Ampicilin

B - Ticarcililn

C- Piperillin

D - **Gentamycin**

E - None

65. Why sulfonamides are associated with increased risks of kernicterus in neonates

A) increase hemoglobin

B) inhibit bilirubin metabolism

- C) suppress bone marrow
- D) **competes bilirubin with binding sites of albumin**
- E) increases LFT's

70. What is MOA of aminoglycosides;

- 1. Bacteriostatic
- 2. Binds to 50S subunit
- 3. **misreading of codons**

72. The drug which is used orally for the treatment of vaginal candidiasis?

- A. Nystatin
- B. **Flucytosine**
- C. Fluconazole
- D. Griseofulvin
- E. Clotrimazole

77. A 27 year old nursing mother is diagnosed as suffering from severe genital herpes with ulcerations. Apart from her current problem, she is in good health. She has a past history of mild form of this disease that responded to a topical drug with good outcome. The physician decides to use the same generic in oral formulation. Which drug is most likely to be prescribed:

- A. **Acyclovir**
- B. Amantadine
- C. Foscarnet
- D.
- E. Trifluridine

78. Difference between mechanisms of action of ibuprofen and glucocorticoids with respect to inflammation **glucocorticoid inhibit phospholipase a2 while ibuprofen inhibit cox**

80. What is the first step in identification of research process?

- Analyze data
- Collect data
- Design a study
- Writing a research report

Identify research problem

82. The purpose of PICO framework is to:

- a) analyse results of research study
- b) develop a theoretical framework
- c) determine feasibility of a research study
- d) **develop a research question**

e) evaluate the quality of a research study.

84. Most common used technique for DNA analysis now adays is

A) **PCR**

B) RFLP

C) Southern blotting

D) mtDNA

E) STR

85. A person dies due to unintentional or inadvertent mistake of dr

Doctrine of unavoidable consequence rule

Therapeutic hazard or misconduct

Novus Actus interveins

Doctrine of res judica

87. While recording the evidence of a medical witness in court room, leading questions are allowed in:

Options:

1) **cross examination**

2) examination in chief

3) Re-examination

4) dying declaration

88. Deciduous teeth begin to develop during the intrautrine life is about

12 week

14 week

6 week

89. The germination center of third molar appear between?

a) 3-5 years

b) 7-9 years

c) 12-14 years

d) 17-19 years

e) 16-17 years

90. No. of teeth in the oral cavity between age 16 - 18 is? **28 APPROX**

92. Inherited intolerance to the drug leading to serious effect on body

Allergy

Idiosyncrasy

Tolerance

Resistance

94. A physical antidote is one that impedes absorption of poison by presence

96. A dead body was brought for autopsy, a relative identified the body. What method of identification is this?

Complete method

Partial

Subjective

3rd party

97. A person was brought to the hospital for sex examination. On examination there was no clear cut differentiation of external genitalia while internal genitalia was that of female. What is the condition:

A. True hermaphroditism

B. Pseudo Hermaphroditism

C. Consealed sex

D. Gonadal dysgenesis

105. Woolsorters disease is the second name of?

Anthrax

106. The dose of prophylactic drug used in rabies should be given by gap of how many days?

A. 0 14 21 28

B. 0 3 7 14

C. 7 14 28

D. 0 14 28

108. The most important prevention for cholera is

1) educating people

2) safe drinking water and sanitation

3) **vaccination**

109. Round worms belongs to phylum

a. Cestodes

b. Porifera

c. Amelida

d. Plathyhelminths

c. **Nemodates**(correct)

110. 42 years old lady came to OPD with complaint of decreased near vision. Her VA is 6/6 and normal eye examination. she has.?

a. myopia

b. hyperopia

c. emmimetropia

d. astigmatism

e. presbiopya

112. A 4 month child is brought by parents to hospital for right eye watering, frequent discharge, matted lashes which resolve temporarily with topical treatment., rest of examination is normal. What is the diagnosis?

ans) **Congenital Nasolacrimal duct obstruction**

114. A 35 year old man came to the ophthalmologist with complaints of left medial canthal cystic painless swelling for the last 1 month. Regurgitation test is positive. He has previous history of probing and syringing with blocked nasolacrimal duct. What is the treatment?

A. **Dacryocystorhinostomy**

B. Digital massage

C. Probing

D. Systemic antibiotics

E. Antiallergies

115. The patient is having HIV/AIDS and is on therapy for it ,, The patient has chances of getting CMV Retinitis .. Doctor prescribe prophylactically a drug that suppress herpetic infection, which drug is that ???

1. cidofavir

2. **acyclovir**

3. indinavir

4. entecavir

5. sobosfavir

118. Mutation in a codon leading to substitution of one amino acid with another is called as

1. Non sense mutation

2. **Miss sense mutation**

3. Point mutation

4. Frameshift mutation

5. Translocation

119. A 50 years old diabetic patient who underwent cataract surgery in his right eye 8 weeks back came to your OPD with blurring of vision. On examination his vision is 6/36 of the same eye. he has dull foveal reflex. optical coherent tomography showed cystic macular edema. What is the best initial treatment for this?

1- topical NSAIDS

2- topical steroids. ????

3- oral steroids

4-intravitreal steroids

5-intravitreal VEGF

BLOCK G

Roll no 12: Sarcoidosis is an example of

Acute inflammation

Chronic inflammation

Granulomatous inflammation

Type 1 hypersensitivity

Graft vs host disease

Mcq#04

A female teacher visits to opd with discomfort in throat and change off voice.what is your disgnosis?

a.atrophic pharyngitis

b.chronic pharyngitis

c.chronic tonsilitis

18. Important step in activation of complement system

A. Formation of C5 convertase

B. Formation of C3 convertase

C. Formation of C5b component

D. Activation of C3 component

E. Formation of membrane attack complex

Roll no: 59

DNA should be frozen at which temperature? Answer: **minus 20° C**

53. Area under the curve is a representative of true picture of ?

A. bioavailability

B. Biotransformation

C. Competitive antagonist

D. Pharmacokinetic

E. Both a and b

50: 30 years old female, presented to OPD, diagnosed with TB, the doctor prescribed Anti TB regime, Rifampin is one of the drug.

What is the possible reaction between these two groups of drugs..

A- adverse effects

B enzyme inhibition

C enzyme induction

D drug dependence

E idiosyncrasy

50: 30 years old female, presented to OPD, diagnosed with TB, the doctor prescribed Anti TB regime, Rifampin is one of the drug.

What is the possible reaction between these two groups of drugs..

A- adverse effects

B enzyme inhibition

C enzyme induction

D drug dependence

E idiosyncrasy

40. virulence in gonococcus is due to

.toxin

. lipopolysaccharide

etc

57. A patient is given desensitization therapy at 9:00 and he develops a condition of shortness of breath at 5pm. what type of reaction it is?

***Type IV hypersensitivity reaction**

13. After the leukocyte leave vasculature, the migration in the tissue to site of injury or infection is mediated by which of the following substance acting as chemotactic factor

a. bradykinin

B. chemokines

C. histamine

D. prostaglandins

E. nitric oxide

Feature of inflammation...

Hypertrophy

Hyperplasia

PHAGOCYTOSIS

metaplasia

34. Patient is taking smokeless tobacco and develops sub mucosal fibrosis. It is:

A. Pre malignant

B. Neoplastic

C. Hyperplastic

D. Hypertrophic

E. Metaplastic

A single dose of 200 mg ,reach a peak plasma level of 40 micro gram / ml , the apparent volume of distribution is (assume rapid distribution and negligible elimination) :

- A. 0.1
- B. 0.2
- C.0.5
- D.5L**
- E.10L

21. Acute phase reaction results in production of

TNF

IL-1

TNF, IL-1, IL-6

Complement proteins

Prostaglandin

60) Chloroquinone is a standard drug for treatment of acute malaria even during pregnancy.The increased prescription of chloroquinone ,the resistance is fast emerging involving genetic and non genetic mechanism of genus plasmodium.

Best explains the resistance of chloroquinone:

- A)Change in receptor structure
- B)Decreased accumulation of drug in food vacuole**
- C)Increased action of DNA receptor mechanism
- D)Induction of drug-inactivation enzymes
- E)Increased synthesis of Dihydrofolate Reductase

26. A preformed mediator of inflammation is

a.prostaglandin

b.histamine

c.leukotrienes

d.platelet activating factor

e.nitric oxide

Block G:

MCQ #56:

A bolus of drug K is given intravenously. The drug is noted to follow first order kinetics. Which of the following statements best describes the elimination of drug K:

- A) Rate of elimination of drug K is constant
- B) Rate of elimination of drug K is not constant
- C) Rate of elimination of drug K is directly proportional to the patient's renal function
- D) Rate of elimination of the drug is directly proportional to the concentration of this drug in patient's plasma**
- E) Rate of elimination of drug is dependent non-linearly on the plasma protein concentration

Qs. 31

What is hamatoma? **disorganized tissue mass at norml location**

Rate of elimination, plasma half life = ? Calculate clearance

14. Within seconds after injury due to shaving, bleeding stops from dermal arteriole due to

. **Vasoconstriction**

Which of the following cells is not involved in inflammation?

A- **plasma cells**

B- Mast cells

C- Lymphocytes

D- Neutrophils

27. All of these are true about acute inflammation EXCEPT

A) contraction of endothelial cells

B) migration of monocytes. **???**

C) synthesis of a

Solved by kgmcites!