

## Pharmacology - Test 2

- 1. The passage of most drug molecules across cell membranes along a concentration gradient is achieved by
- 2. The onset of action of a drug is primarily determined by its rate of absorption.
- 3. After receiving 1.8 cc of a local anesthetic agent with epinephrine 1:100,000, a healthy adult patient with functional capacity in excess of 7 METs became pale, diaphoretic and experienced a brief episode of syncope. Your most likely diagnosis would be Vaso Vagal 1250005
- 4. Cyclooxygenase (COX)-1 inhibitors impair platelet adhesion and aggregation by inhibiting the synthesis of Thromboxani Az.
- 5. Which of the following drugs is an opioid antagonist, which may be used to reverse apnea and coma due to opioid toxicity?
- 6. All of the following pharmacological effects are attributed to the vasoconstrictor in local anesthetic formulations, except which one? The reduce systemic toxicity, prolong the LA Reduce Bleeding toxicity, prolong the LA Reduce Bleeding toxicity, prolong the LA
- 7. Which of the following local anesthetic agents is likely to produce significant vasopressive effect?

8. Which of the following is not a pharmacological property of penicillin V? G+ cocci form anxerobes

V = macid Stable (oral admin) G = acid Labile (IV).

- 9. Which of the following antibacterial agents is a pro-drug converted to an active metabolite by bacterial nitroreductase, which binds bacterial DNA, inhibits nucleic acid synthesis, is beta-lactamase resistant, and has good activity against obligate oral anaerobes? Metronida zole G- and Gt, chesnit Kill facultative only obligate anaerobes.

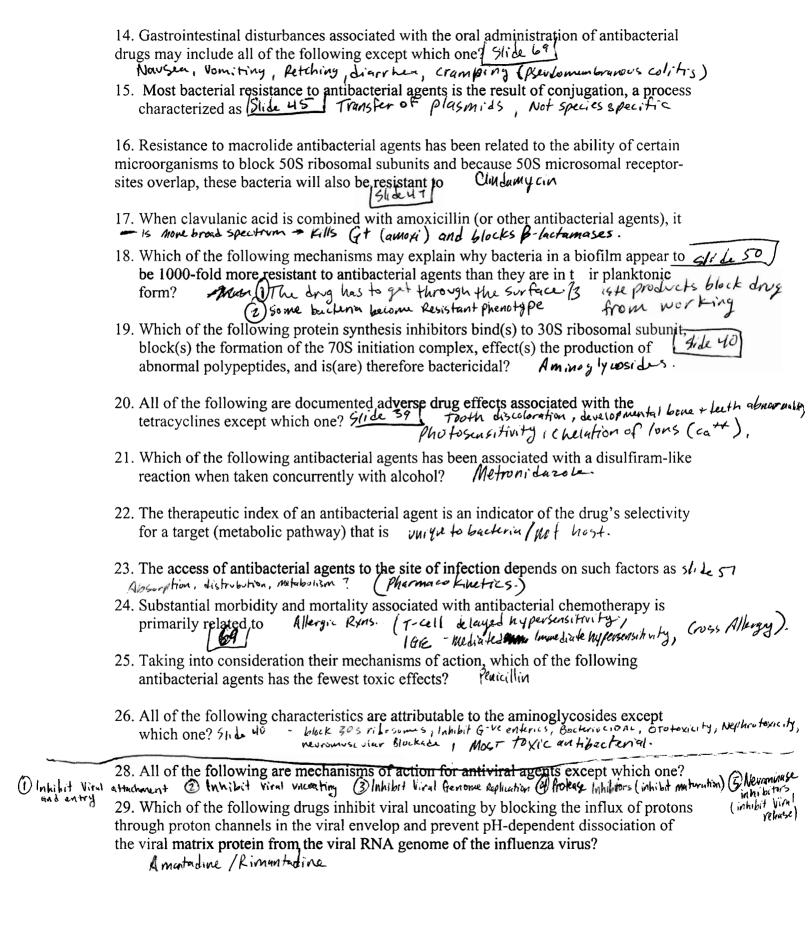
   has Lisuifiram Renn wil alcohol.
- 10. All of the following antibacterial agents target bacterial ribosomal enzymes and interfere with the translation of the mRNA code essential for protein synthesis except which one? Extheromycin, Clarithromycin, azithromycin, clindamycin > 50

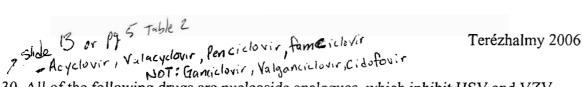
  Tetracycline (doxy, mino), Aminoglycosiles (quadracin, tobramycin) > 30 s
- 11. Which of the following antibacterial agents would be the most appropriate empirical drug of choice for the treatment of an anaerobic odontogenic infection in a patient with a history of anaphylactic reaction to beta-lactam antibiotics and a history of significant cardiac arrhythmias?
- 12. When a patient presents with an unresolved odontogenic infection following treatment with a beta-lactam antibacterial agent or a severe odontogenic infection with trismus, the empirical drug of choice would be the language of the lang
- 13. The combination antibacterial formulation trimethoprim and sulfamethoxazore

Co-Trimoxazole - combination to block folder phones

(dihydrofol Reductase

inhimors)





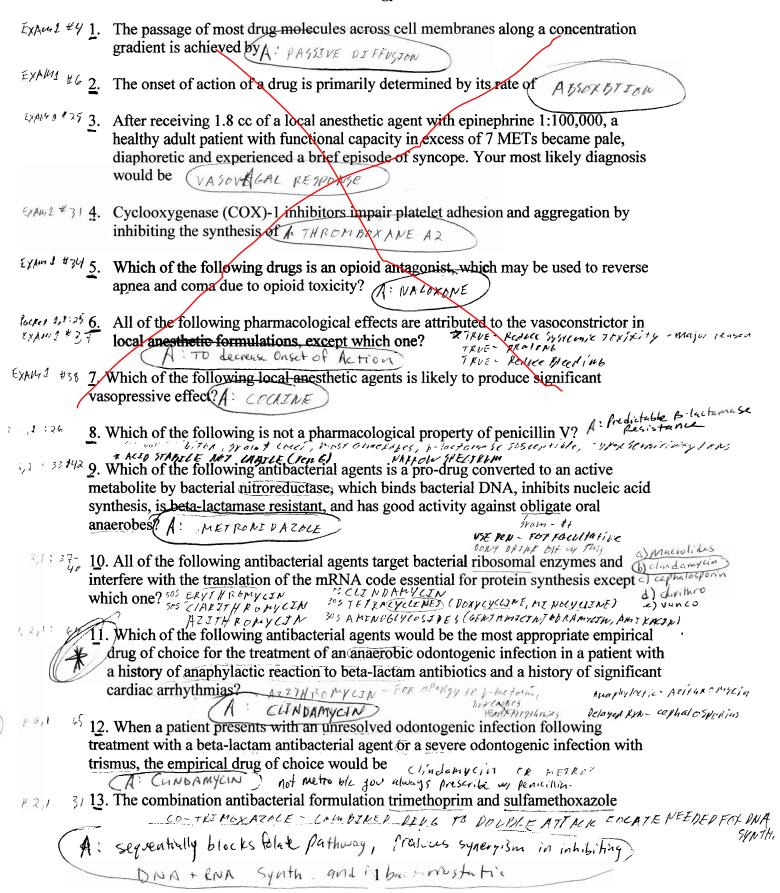
- 30. All of the following drugs are nucleoside analogues, which inhibit HSV and VZV genome replication by inhibiting DNA polymerases and, as they become incorporated into the growing DNA chain, terminate elongation EXCEPT which one?
- 31. Which of the following drugs are nucleoside analogues, which inhibit HIV replication by inhibiting DNA polymerase (reverse transcriptase) and, as they become incorporated into the DNA chain, terminate elongation? 5 11 de 11,18, 18 5 table 31.

  Aba cavir, Di Annosine, Entrici tabine, Stavidine, Tenefour, Zaici tabine, Zi Jouadine, Lamiva dine
  - 32. Protease inhibitors (amprenavir, atazanavir, indinavir, lopinavir, nelfinavir, ritonavir, and saquinavir) block the cleavage of viral proteins during assembly and maturation and are used in combination.
  - 33. Which of the following drugs appears to inhibit viral RNA polymerase and in combination with interferon is used in the treatment of chronic HCV infection? [5], de 22
- 34. All of the following statements are correct about the azole antifungal agents slide copy 2 (ketoconazole, itraconazole, voriconazole, and fluconazole,) EXCEPT which one?

   Must adverse effect is supertotexicity

  35. Toxic reactions to amphotericin B include slide 10 "Cytokine storm" fever, chills, hypotensium.
  - Nephrotoxicity, hermatologic toxicity elemin Methodogic toxicity elemin stationary of severe systemic toxicity, the use of nystatin is strictly limited to the treatment of superficial infections of the Skin + orac / Vaginal Mucosa (My 3 or stide 10)
  - 38. Which of the following antifungal agents is an inhibitor of DNA synthesis? 51 de 11/193
  - 39. Which of the following antifungal agents inhibits the assembly of microtubules and the accessory proteins essential for the formation of the mitotic spindle, and tends to accumulate in the superficial layer of the skin?

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the viral matrix protein from the viral RNA genome of the influenza virus?

AMARTAPINE / RIMARTAPINE B+ C. comut.

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11, 1.3	38. Which of the following antifungal agents is an inhibitor of DNA synthesis?  FLUCY TOSINE
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	D. COTSEDENLATIN