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Recent Pattern Questions 2019

- Which of the following is true regarding a drug with high plasma protein binding:
 - Decreased glomerular filtration
 - Decreased tubular secretion
 - Increased volume of distribution
 - Less drug interaction
- Quantal DRC, true is:
 - Response in population seen with increasing dose of drug
 - Efficacy calculated
 - Potency calculated
 - Affinity calculated
- Which of the following is correct regarding clinical trials?
 - Phase 3 is RCT
 - Phase 1 is for safety and efficacy
 - Phase 4 is done in animals
 - Phase 2 is done for toxicity
- Ocular hypotensive drug causing apnea in young children is
 - Brimonidine
 - Brinzolamide
 - Latanoprost
 - Pilocarpine
- A patient came to casualty with acute attack of asthma after starting treatment of glaucoma. The causative drug is
 - Timolol
 - Betaxolol
 - Clonidine
 - Acetazolamide
- Drug used to differentiate between myasthenia gravis and cholinergic crisis is
 - Neostigmine
 - Edrophonium
 - Methacholine
 - Bethanechol
- Which of the following is an alpha-2 agonist
 - Apraclonidine
 - Latanoprost
 - Timolol
 - Pilocarpine
- Hypertension and pulmonary edema caused by scorpion poisoning treated by
 - Prazosin
 - Furosemide
 - Enalaprilat
 - Nitroglycerine
- The drug preferred in a patient with ischemic heart disease with VT
 - Lignocaine
 - Diltiazem
 - Propranolol
 - Adenosine
- Mannitol is used for treatment of
 - Acute congestive glaucoma
 - CHF
 - Pulmonary edema
 - Hepatic encephalopathy
- Tolvaptan is used for treatment of
 - Central DI
 - SIADH
 - Shock
 - Von Willebrand's disease
- Vasopressin acts through which receptors in collecting duct
 - V1
 - V2
 - ENaC
 - SGLT
- Drug used for smoking and tobacco chewing is
 - Varenicline
 - Acamprosate
 - Bupropion
 - Naltrexone
- Fluoroquinolone with maximum bioavailability is
 - Ciprofloxacin
 - Levofloxacin
 - Moxifloxacin
 - Norfloxacin
- What is the treatment of diarrhea in a patient with immunosuppression caused by the organism in the picture?



 - Metronidazole
 - TMP-SMX
 - Paromomycin
 - Nitazoxanide
- Drug of choice in diphtheria carrier is:
 - Erythromycin
 - Rifampicin
 - Ampicillin
 - Amoxicillin
- Imipenem given with cilastatin because of:
 - Synergism
 - Decrease side effect
 - Increase duration of action
 - Increase potency
- Carbapenem causing max seizure is:
 - Imipenem
 - Meropenem
 - Doripenem
 - Ertapenem
- Drug of choice for treatment of mastitis:
 - Ampicillin
 - Cloxacillin
 - Metronidazole
 - Cefuroxime axetil
- Triazole acts by inhibiting
 - Ergosterol synthesis
 - Cell wall inhibition
 - DNA synthesis
 - Microtubules



Answers

1. (a) 2. (c) 3. (a) 4. (a) 5. (a) 6. (b) 7. (a) 8. (a) 9. (a) 10. (a)
 11. (b) 12. (b) 13. (a) 14. (b) 15. (b) 16. (a) 17. (c) 18. (a) 19. (b) 20. (a)



21. Erythema multiforme is caused by
a. Antimalarials b. Antidepressants
c. Antipsychotics d. Antifungals
22. Regimen of choice for retinoblastoma is:
a. Vincristine + etoposide + carboplatin
b. Carboplatin + etoposide + cyclophosphamide
c. Vincristine + etoposide + chlorambucil
d. Etoposide + vinblastine + carboplatin
23. Regarding teduglutide, which is correct?
a. GLP-2 agonist
b. GLP-1 agonist
c. Oral drug
d. Pancreatic enzyme replacement
24. Dose of ulipristal is:
a. 30 mg b. 30 mcg
c. 2000 mcg d. 60 mg
25. Tamoxifen is an antagonist at:
a. Estrogen receptor b. Aromatase
c. Progesterone receptor d. Androgen receptor
26. Which of the following is incorrect regarding breast cancer treatment?
a. Aromatase inhibitors are drug of choice for premenopausal breast cancer
b. Tamoxifen is drug of choice for postmenopausal breast cancer
c. Tamoxifen dose is 20 mg OD for 5 years
d. Anastrozole dose is 10 mg OD for 5 years
27. All of the following are not seen with OCP except:
a. Psychosis b. Thromboembolism
c. Dyslipidemia d. Osteoporosis
28. Mechanism of action of buspirone is
a. 5HT1 agonist b. Alpha agonist
c. Beta agonist d. 5HT2 antagonist
29. Drug acting by inhibition of recruitment of neutrophils is:
a. Colchicine
b. Omalizumab
c. Sodium cromoglycate
d. Febuxostat
30. A treatment naive 13 years old patient of rheumatoid arthritis with deformity given in picture. How will you start treatment?
a. 3 months of NSAID
b. Single TNF alpha inhibitors
c. Start methotrexate and short course of steroids
d. Start Leflunomide
31. A patient of rheumatoid arthritis is not responding to NSAIDs and methotrexate for 6 months. What will you do next?
a. Start single DMARD
b. Increase dose of methotrexate
c. Replace leflunomide with methotrexate
d. Add sulfasalazine and hydroxychloroquine
32. Which of the following is a factor Xa inhibitor?
a. Rivaroxaban b. Dabigatran
c. Argatroban d. Fondaparinux
33. Which of the following is an oral DTI
a. Edoxaban b. Enoxaparin
c. Lepirudin d. Dabigatran
34. Which of the following statements is true regarding pegfilgrastim?
a. Used in neutropenia b. Oral drug
c. Short acting d. GM-CSF analog
35. Which of the following is used in antiphospholipid antibody syndrome?
a. Heparin b. Warfarin
c. Aspirin d. Dabigatran
36. Most respiratory irritant anesthetic drug
a. Desflurane b. Sevoflurane
c. Halothane d. Enflurane
37. Advantage of cisatracurium over atracurium is
a. Short duration b. Doesn't release histamine
c. Less potent d. Faster onset of action
38. Mechanism of action of tubocurarine is
a. Blocks Ach synthesis
b. Blocks Ach release
c. Blocks Ach receptors
d. Depolarizes postsynaptic membrane



Answers

21. (a) 22. (a) 23. (a) 24. (a) 25. (a) 26. (c) 27. (b) 28. (a) 29. (a) 30. (c)
31. (d) 32. (a) 33. (d) 34. (a) 35. (b) 36. (a) 37. (a) 38. (c)