

pharmacology

Archive

Lecture 1+2+3

Medical card

Name _____

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1. Example of G protein coupled receptor:

- a) Nicotinic receptor
- b) muscarinic receptor
- c) Receptor for insulin

answer:b

2. Where does the G protein bind? known or unpredictable. Ex. Phenobarbitone is usually given calm down a patient but in the case of pediatrics, it causes hyperkinesia

- a) Muscarinic cholinergic receptors
- b) Nicotinic receptor

answer:a

3. Definition of drug receptor that consider an agonist.

- a) Endogenous ligand
- b) with partial response

answer:a

4. Which statement is wrong about a competitive antagonist?

- A) Bonds by covalent bond
- B) Competes with agonist at the same receptor
- C) Effect can be overcome by increasing agonist concentration
- D) Shifts the dose-response curve to the right

Answer A

5. Example of a tyrosine kinase receptor?

- A) Adrenoreceptor
- B) Growth factor receptor
- C) Insulin receptor
- D) GABA receptor

Answer B

6. What is the source of quinine?

- a) Synthetic
- b) Organic
- c) Semi-synthetic
- d) Inorganic

Answer B

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7. Which of the following statements about receptors is NOT correct?

- a) They are proteins or glycoproteins
- b) They may be located on the cell membrane or inside the cell
- c) They bind specific ligands to produce a response
- d) They are found extracellularly

Answer D

8. The ratio of TD_{50} or LD_{50} to ED_{50} is known as what?

- a) Bioavailability index
- b) Potency ratio
- c) Therapeutic index
- d) Toxicity ratio

Answer C

9. Which of the following is NOT a type of antagonism?

- a) Chemical antagonism
- b) Physiological antagonism
- c) Pharmacological antagonism
- d) Thermal antagonism

Answer D

10. Two-month-old child suffers from asthma, the best form of drug administration is:

- a) Syrup
- B) tablets
- c) Vaporizer
- d) Capsules

Answer C

