



Pharmacology

Archive



: One of the following is not related to PHARMACOKYNETICS

- a) Absorption
- b) Distribution
- c) Uses
- d) Metabolism
- e) Excretion

answer: c

?What is bioavailability

- a) The rate at which a drug is absorbed into the bloodstream
- b) The percentage of a drug that reaches the systemic circulation and becomes available for biological effect
- c) The volume of distribution of a drug in the body
- d) The time taken for the plasma concentration of a drug to decrease by half

Answer :b

:One of the statements true about acid base ionization in pH

- a) At high PH weak base become unionized while weak acid become ionized
- b) At high pH, weak acids remain completely unionized while weak bases are fully ionized
- c) At low pH, weak acids become fully ionized while weak bases remain completely unionized

answer:a

:Definition of pharmacotherapy

- a) The branch of medicine that focuses on surgical techniques to treat diseases
- b) The science that deals with the proper use of drugs to treatment diseases
- c) The field of healthcare that studies only the side effects of drugs without considering their therapeutic uses

answer:b

?What is the primary cause of receptor down-regulation

- a) Shock
- b) Receptor amount
- c) Prolonged occupation by an agonist
- d) Low receptor affinity

Answer: c) Prolonged occupation by an agonist

اللَّهُمَّ تَوَفَّنَا مُسْلِمِينَ، وَأَحْيِنَا مُسْلِمِينَ،
وَأَلْحِقْنَا بِالصَّالِحِينَ، غَيْرَ خَرَّابٍ وَلَا مَفْتُونِينَ

:Example of chemical antagonist

- a) Heparin & protamine
- b) Protamine & prothrombin
- c) Heparin & zinc
- d) Protamine & zinc
- e) histamine & nor-epinephrine

Answer:A

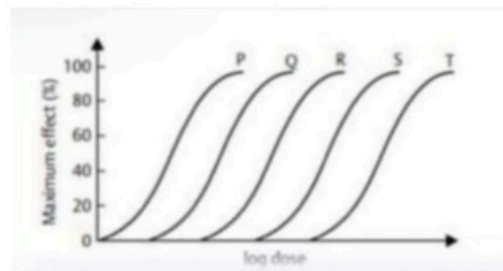
A young child accidentally ingested a large amount of iron supplements. Which of the following medications is the most appropriate antidote for iron poisoning in this scenario

- A) Activated charcoal
- B) Ipecac syrup to induce vomiting
- C) Desferoxamine
- D) Intravenous fluids

Answer : C

12. The figure below depicts the in vitro log dose response curves of five different drugs (P, Q, R, S, and T) acting on the same receptor. Which of the following drugs has the highest ED₅₀?

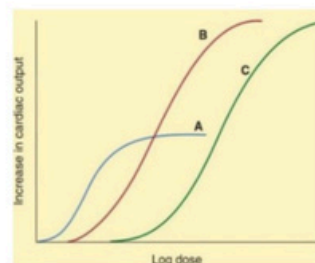
- A. Drug P
- B. Drug Q
- C. Drug R
- D. Drug S
- E. Drug T



Answer : E

10. Prior to clinical trials in patients with heart failure, an animal study was carried out to compare two new positive inotropic drugs (A and B) to a current standard agent (C). The results of cardiac output measurements are shown in the graph below. Which of the following statements is correct?

- (A) Drug A is most effective
- (B) Drug B is least potent
- (C) Drug C is most potent
- (D) Drug B is more potent than drug C and more effective than drug A
- (E) Drug A is more potent than drug B and more effective than drug C



Answer : D

? Systemic clearance mean

- a) Renal clearance
- b) Non renal clearance
- c) both renal and non renal clearance
- d) The loss of a huge sum of blood and the entry of a systematic shock

answer: c

:Example of G protein coupled receptor

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

answer:b

: Clark's rule depend on

- a) Weight children
- b) Age
- c) High

answer: a

:Chelating agent type of reaction

- A-chemical reaction
- B-physical reaction

Answer : A

سُبْحَانَكَ اللَّهُمَّ وَبِحَمْدِكَ ، أَشْهَدُ أَنْ لَا
إِلَهَ إِلَّا أَنْتَ ، أَسْتَغْفِرُكَ وَأَتُوبُ إِلَيْكَ .