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Section. B

Idea. 16793

Ans no1:- A) Drug interaction:- A drug interaction is a reaction between two (or more) drug or between a drug and food beverage or supplement. Taking drug while having a certain medical condition can also causes a drug interaction.

Tpye:-. Drug- drug.

Drug nonprescription treatment.

Drug food.

Drug alcohol.

Drug diseases.

B) Pharmacodynamic drug interaction:-

The terms of Pharmacodynamic interaction refer to interaction in which drug influence each other's effect directly. As a rule, for example sedatives can potentiate each other. The same is true of alcohol, which can potentiate the sedatives effect of many drug.

A)

Ans no2:- (A) Hyperglycemia:-

Hyperglycemia

indicate excess glucose in the blood.

(B) Hypoglycemia:- Hypoglycemia is refer to abnormally low presence of glucos in the blood. Controlling blood glucose level is the cornerstone of diabetes treatment.

B) Emesis:- - Agent that induce vomiting used in over doses.

- Example. ipecac syrup

-Inappropriate use client and bulimia.

Antiemetic:- - Antiemetic drug is used to treat or prevent neausea or vomiting.

- Antiemetic are typically used to treat motion sickness and the side effect of opioid analgesic and chemotherapy directed against cancer.

- For example. Bucladin- softabs
.throzine.

C). Kind of drug are used for cough and sputum:-. Example are carbocistein ambroxol and bromhexine. Expectorant are substance claimed to make coughing easier while enhancing the production of mucus and phelgm. Two example are acetylsystein and guaifensin. Antitussive, or cough suppressant are substance which suppress the coughing itself.

Ans no3:- A) Enamurate target of antibiotics:- There are five main antibacterial drug target in bacteria cell wall synthesis, DNA gyrase, metabolic enzyme, DNA - directed RNA polymerase and protein synthesis. The figure shows and Antimicrobial agent that are directed against each of these target.

B) Viral replication:- Viral replication is the formation of biological viruses during the infection process in the target host. Viruses must first get into the cell before viral replication can occur. Through the generation of abundant copies of its genome and packaging these copies, the viruses continuously infecting new host.

Ans no4:- A) Classification of antihypertensive drug:- There are many antihypertensive, which lower blood pressure by different means. Among the most important and most widely used medication thiazide diuretic, calcium channel blocker's, ACE inhibitor, angiotensin II receptor antagonist (ARBs) and beta blocker.

B)- Angina pectoris is the medical term for chest pain and discomfort due to coronary heart diseases. It occurs when the heart muscles do not get as much blood as it needs. This usually happens because one or more of the heart arteries are narrowed or blocked, also called atherosclerosis.

Angina pectoris:- Medical treatment aims to relieve angina and prevent cardiovascular events. Beta blocker and calcium channel antagonist are first line options for treatment. Short acting nitrate can be used for symptom relief. Low dose aspirin and statins are prescribed to prevent cardiovascular events.

Ans no5:- A) General anesthesia:- Which results in reversible loss of consciousness.

Local anesthesia:- Which causes a reversible loss of sensation for a limited region of the body without necessarily affecting consciousness.

Stage of general anesthesia:-

- Plane 1. from onset of automatic respiration to cessation of eye ball movement.
- Plane 2 from cessation of eye ball movement to beginning of paralysis of intercostal muscles.
- Plane 3 from beginning to completion of intercostal muscles paralysis.

B). Narcotic analgesic:- Opioid are substance that when reaching opioid receptor have effect similar to those of morphin. Medically they are primarily used for pain relief including anesthesia.

Non narcotic analgesics:- A drug that has principally analgesic antipyretics and anti inflammatory action. Non narcotic analgesic do not bind to opioid receptor.
