

32. Decongestants make it easier to breathe by opening up nasal passages. The way that this happens is that
- a) decongestants decrease the production of mucin, resulting in less mucus
 - b) decongestants cause vasodilation, resulting in the transport of mucin away from the nasal cavity
 - c) decongestants cause vasoconstriction, resulting in reduced water supply for mucus production
 - d) decongestants cause vasodilation, resulting in increased water supply thus thinning out mucus and removing it from the nasal cavity
 - e) decongestants increase the production of mucin thus making nasal secretions less runny
33. The decongestant PPA (phenylpropanolamine) was removed from all cold medications in 2000 because
- a) the toxicity of PPA was producing hallucinations and strokes in patients taking cold medications
 - b) PPA is an amphetamine derivative and is used in the manufacture of methamphetamine. To restrict access to PPA, it was removed from the market
 - c) PPA is an amphetamine derivative and is used in diet pills as an appetite suppressant. Misuse of diet pills produced hallucinations and strokes in patients taking diet medications
 - d) the toxicity of PPA was producing hallucinations and strokes in persons working in plants that manufactured cold remedies
 - e) PPA is unstable, and is readily converted by the liver into a toxic metabolite thus producing liver damage
34. Some medications do not require a prescription, but are not available on the shelf of a drugstore. They are sold this way because
- a) the high toxicity of these substances make them dangerous to sell without advice from a pharmacist
 - b) these medications are very expensive and drug stores try to limit shoplifting losses by keeping them behind the counter
 - c) the high potency of the drugs makes them dangerous for children to handle
 - d) they contain amphetamines that are used to make illegal drugs
 - e) they contain amphetamines and are highly addictive
35. Antihistamines produce which of the following combinations of effects?
- a) clear up runny eyes and runny nose, appetite suppression
 - b) reduce nasal secretions and appetite suppression
 - c) reduce coughing and induce drowsiness
 - d) clear up runny eyes and runny nose, induce drowsiness
 - e) reduce coughing and suppress appetite