

Chapter 5 Test Review

1. The reagent used for the field test of heroin is _____
2. Marijuana is considered to be a _____
3. The most satisfactory way of simultaneously separating and tentatively identifying drugs is by _____
4. Drugs deemed to have the highest potential for abuse and also having a current medical use are listed in which schedule of the Controlled Substances Act? _____
5. The most common diluent of heroin is _____
6. A police officer performs a field test on a white powder, obtaining a purple color. The most likely drug present is _____
7. There is a significant likelihood that a continued use of _____ will result in a low degree psychological dependence.
8. Regular use of which drug may lead to *physical* dependency _____
9. Name stimulant drugs _____
10. Heroin is a chemical derivative of: _____
11. Which analytical technique is considered to be a specific test in a drug identification scheme: _____
12. What type of drug is synthetically produced and does NOT occur naturally?

13. List drugs that are depressants: _____
14. True or False on the following statements:
_____ Hashish is a concentrated preparation of marijuana
_____ Marijuana can tentatively be identified by the Duquenois-Levine color test
_____ The active ingredient of marijuana is tetrahydrocannabinol
_____ Prior to 1970 marijuana was classified as a narcotic drug
_____ Marijuana is synthesized from the *Cannabis sativa* plant.
15. Name drugs considered to be hallucinogens _____
16. Tranquilizers Valium and Librium are classified in which schedule of the Controlled Substances Act? _____

17. Name examples of club drugs. _____

18. A technique for separating and tentatively identifying the components of a mixture is: _____

19. List the component parts of gas chromatograph. _____
_____.

20. List the component parts of the absorption spectrophotometer. _____
_____.

21. A compound can tentatively be identified by gas chromatography from its
_____.

22. A single specific test for identifications is _____.

23. The steps in a thin-layer chromatographic analysis are:

24. What is the name of the Federal Drug-Control Law? _____

25. There are harmful side-effects to anabolic steroids, but people use them to promote what? _____

26. Barbituates are called _____ because they depress the central nervous system.

27. True or False Statements:

_____ A gas chromatograph can be coupled to a mass spectrometer

_____ Gas chromatography cannot produce a specific identification of a chemical substance.

_____ In mass spectrometry, a chemical substance enters a chamber where it is fragmented by high-energy electrons.

_____ Many chemical substances have similar mass spectra fragmentation patterns.

_____ A mass spectrometer can detect materials weighing only one millionth of a gram.

28. What is a gummy, milky juice that is exuded through a cut made in the unripe pod of the poppy? _____

29. What drug is extracted from the leaf of the coca plant? _____

30. Glue sniffing does what to the central nervous system? _____