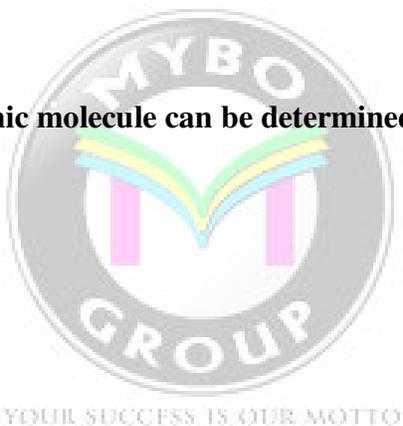
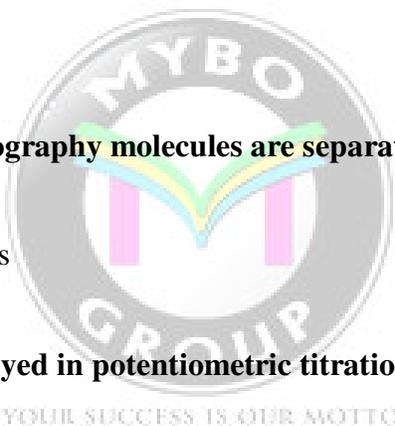


PHARMACEUTICAL ANALYSIS

- The UV region lies between**
 - 380-200 nm
 - 200-100 nm
 - 500-380 nm
 - 600-500 nm
- Presence of N-CH₃ and O-CH₃ group in a organic molecule can be differentiated by**
 - NMR
 - IR
 - UV spectroscopy
 - any of the above
- The component in a plant extract may be identified with isolation by one of the following tool.**
 - LCMS
 - IR
 - UV
 - GLC
- Molecular formula of organic molecule can be determined by**
 - IR
 - NMR
 - Mass Spectrometry
 - UV
- Aprotic solvents have**
 - Acidic
 - Basic
 - Both Acidic and Basic
 - No Acidic or Basic
- According to Pauli exclusion principle spins of two electrons in the same orbital are**
 - Parallel to one another
 - Perpendicular to one another
 - Opposite to one another
 - Supporting one another
- Silver-silver chloride electrode consist of**
 - Silver wire coated with calomel
 - Silver wire coated with potassium chloride
 - Silver wire coated with silver chloride
 - Platinum wire coated with silver chloride
- The mixture of hydrochloric acid and acetic acid can be satisfactorily by**
 - Potentiometry
 - Conductometry



- (C) Amperometry
(D) Spectrophotometry
9. The region of electromagnetic spectrum below 200nm is known as
(A) Vacuum UV region
(B) Far UV region
(C) Low UV region
(D) Microwave region
10. The factors affecting diffusion current in polarography can be denoted by
(A) Nernst equation
(B) Ilkovic equation
(C) Lambert's law
(D) Mark-Houwink equation
11. Which one of the following indicator is used in complexometric titration
(A) Crystal nature
(B) Murexide
(C) Eosin
(D) Methyl orange
12. In gel permeation chromatography molecules are separated on the basis of their
(A) Chemical nature
(B) Size and shape
(C) Adsorptive properties
(D) Partition coefficient
13. The electrode system employed in potentiometric titration of acid by non-aqueous method in basic solvent is
(A) Glass-calomel electrode
(B) Antimony glass electrode
(C) Glass- antimony electrode
(D) Antimony calomel electrode
14. An interference filter consists of
(A) An iron plate coated with selenium
(B) A layer of silver deposited on glass coated with MgF_2
(C) A tungsten plate coated with silver oxide
(D) A solid sheet of glass coloured by pigment
15. In quantitative TLC radioactive material can be studied by
(A) Visual comparison
(B) Densitometry
(C) Gravimetry
(D) Gieger counter



MYBO's GPAT/ NIPER/ PGCET BOOSTER PACK-10

(From MYBO Knowledge Center) : MYBO – A Voluntary Organization

MYBO's GPAT/ NIPER/ PGCET BOOSTER PACK-10 is provided by

MYBO Activities Incharge:

Mr. B. NAGESWARA RAO,

HOSPIRA Pharma Pvt. Ltd., Chennai.

NOTE:

1. Key for the above bits is available with MYBO's GPAT/ NIPER/ PGCET BOOSTER PACK-11
2. If you are interested to help the GPAT/ NIPER/ PGCET Aspirants, you can send 15 bits each with four options (correct answer underlined) to mybogroup@gmail.com After verification, we will publish on your name at www.mybogroup.com



YOUR SUCCESS IS OUR MOTTO

KEY @ MYBO's BOOSTER PACK-9

1. B	2. B	3. B	4. C	5. C
6. D	7. B	8. C	9. C	10. B
11. B	12. C	13. C	14. D	15. D