



**DAW-M-201914**

Seat No. \_\_\_\_\_

**First Year D. Pharm. Examination**

**May - 2022**

**1.5 : Pharmaceutical Inorganic Chemistry  
(Theory)**

Time : 3 Hours]

[Total Marks : 70

**Instructions :** (1) Figure to the right indicate marks.  
(2) Draw neat and clean diagram when required.

**1 Answer the following questions : 10×2=20**

- (1) Define complexometric titration.
- (2) Differentiate acid-base titration and redox titration with example.
- (3) Explain the term electrolyte replenishers.
- (4) Define and enlist medicinal gases.
- (5) What do you mean by precipitation titration?
- (6) Enlist any four indicators along with its color changing indication.
- (7) What are the antimicrobial products?
- (8) Enlist any four pharmaceutical aids.
- (9) List out methods comes under gravimetric analysis.
- (10) Which type of compounds undergoes non-aqueous titration, give examples.

**2 Answer the following questions : (any two) 2×10=20**

- (1) Write a detailed note on errors.
- (2) Differentiate gravimetry any volumetric analysis, classify it and explain anyone volumetric method of analysis.
- (3) Explain pharmaceutical aid in brief.

**3** Answer the following questions : (any six)

**6×5=30**

- (1) Write a short note on essential trace elements.
  - (2) Explain cathartics in brief.
  - (3) Give a note on non-aqueous titration.
  - (4) Define the term limit test, explain anyone limit test in detail.
  - (5) Differentiate acidifiers and antacids.
  - (6) Write a short note on radio pharmaceuticals.
  - (7) Give a brief note on dental products.
  - (8) Write a short note on theory of indicators.
-