BBF-014-1041007 Seat No. _____

B. Pharm (Sem. I) Examination

July - 2021

Pharmaceutical Inorganic Chemistry (BP 104T)

Faculty Code : 014

Subject Code : 1041007

Time : **3** Hours] [Total Marks : **75**

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

(a) Give difference between poison and antidote.

(b) Write the composition of ORS.

(c) Differentiate the term : hypochlorhydria and hyperchlorhydria.

(d) What are gastrointestinal agents ? Classify them with suitable Examples.

(e) Define the term : Buffer capacity ?

(f) What do you mean by Astringent with its two example ?

(g) What do you mean by emetics ? Explain it with suitable examples.

(h) Explain properties of α, β, γ radiations.

(i) What are expectorants ? Give suitable examples of this category.

(j) What are Dentifrices.

2 Answer any **two** out of the following : **2×10=20**

(a) Explain physiological acid base balance.

(b) Write a note on limit test of Arsenic.

(c) Define : Impurity. Classify it with suitable examples. Enumerate sources of impurities and explain any one in detail.

3 Answer any **Seven** out of the following : **7×5=35**

(a) Discuss the role of fluoride in the treatment of dental caries. Give preparation and use of sodium fluoride.

(b) What are antimicrobials ? Classify them. Explain its mechanism of action.

(c) Define : Haemantinics. Give suitable examples of this category. Explain assay principle of ferrous sulphate.

(d) What are the ideal properties of antacids ? Give assay principle and method of preparation of sodium bicarbonate.

(e) Explain cyanide poising and its treatment.

(f) What is half life ? Write a note on GM counter.

(g) Give preparation, properties, assay and uses of sodium thiosulphate.

(h) Explain limit test of Chloride and Sulphate.

(i) Give assay principle of :

(a) Ammonium chloride (b) Hydrogen peroxide.
