



PF-014-1041007 Seat No. _____

M. P. M. (Sem. I) (CBCS) Examination

July - 2018

BP - 104 : Pharmaceutical Inorganic Chemistry

Faculty Code : 014
Subject Code : 1041007

Time : 3 Hours] [Total Marks : 75

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

- (a) What are Radiopharmaceuticals?
- (b) Define: Astringent. Give two examples.
- (c) Explain the term expectorant with suitable example.
- (d) What is Buffer capacity?
- (e) Define: Emetics. Give two examples.
- (f) Give difference between Poison and antidote.
- (g) What are haematinics? Explain with suitable examples.
- (h) Give composition of ORS.
- (i) Give two examples of dental products.
- (j) Differentiate: Achlorhydria and Hyperchlorhydria.

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

- (a) Define: Impurity. Classify it with suitable examples. Enumerate sources of impurities and explain any one in detail.
- (b) Explain physiological acid base balance.
- (c) What are gastrointestinal agents? Classify them with suitable examples. Explain each class in brief.

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

- (a) Explain limit test for iron.
- (b) Explain role of fluoride. Give preparation and use of sodium fluoride.
- (c) Give preparation, properties, assay and uses of sodium thiosulphate.
- (d) Give preparation, properties, assay and uses of copper sulphate.
- (e) Write a note on acid base theory.
- (f) Explain cyanide poisoning and its treatment.
- (g) Give preparation, properties and uses of Ferrous sulphate.
- (h) How the radioactivity measured? Write a note on GM counter.
- (i) What are antimicrobial agents? Classify them with suitable examples. Discuss the various mechanism of action them.
