R15

Code: 15R00106

B.Pharm I Year I Semester (R15) Regular & Supplementary Examinations January 2017

PHARMACEUTICAL INORGANIC CHEMISTRY

Time: 3 hours Max. Marks: 70

PART - A

(Compulsory Question)

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1 Answer the following: (10 X 02 = 20 Marks)

(a) What are the official compounds of iron?
(b) Define amphiprotic solvent with example.
(c) Define anti-carries agent.
(d) Write applications of neutralization curve.
(e) Write difference between iodimetry and iodometry.
(f) What is chelating agent?
(g) Define acidifiers.
(h) Write a structure and clinical uses of plaster of paris.
(i) Give examples for emetics.
(j) Write assay of ferrous sulphate.

PART - B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT - I

2 Write the principle, reaction involved and procedure in the limit test for sulphate.

OR

3 Draw and label the diagram of arsenic test apparatus. Give reaction involved in limit test of arsenic.

UNIT - II

4 What is redox titration? Classify them based on titrant used with an example.

OR

5 What is ceriometry? Write the preparation and standardization of 0.1 M ceric ammonium sulphate.

UNIT - III

6 What do you understand by replacement therapy how sodium chloride is used for electrolyte replenishment?

OR

7 Enumerate the preparation, properties and uses of ferrous sulphate.

UNIT - IV

8 What is pharmaceutical aid? List out various pharmaceutical aids with example in the preparation of pharmaceutical products.

OR

9 What are topical agents? Classify them giving suitable example.

UNIT - V

10 Give the classification of drugs acting on gastrointestinal tract with suitable examples.

OR

11 What are antidotes? Discuss the role of sodium nitrite as an antidote for cyanide poisoning.

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