Printed pages: 2	BOP244
(Following paper code and roll No. to be filled in your answer book)	
Paper code: 150410	Roll No.

BPHARM
(SEM II) THEORY EXAMINATION 2014-15
PHARMACEUTICAL ANALYSIS-II

Time allowed: 3 Hrs. **Max Marks: 70**

Section- A

1. Attempt **all** questions, each carries 2 marks. **2x10 = 20**

a. Write properties of sovents in used in non aqueous titrations .
b. Write about differentiating solvent
c. Define indicator electrode.
d. What do you mean Complexomteric titration
e. Write down any four functions of salt bridge
f. Define chromatography.
g. What are the limitations of Kjeldahl method?
h. Write down the advantages of glass electrode.
i. Define Non-aqueous titrations
j. Write down any four indicator used in non-aqueous titration.

Section- B

2. Attempt any **four** parts. Each carries equal marks. **5x4 = 20**

a. Explain non- aqueous solvents with suitable examples.
b. Discuss applications of Complexomteric titrations.
c. How will you standerise 0.1N perchloric acid
d. Write short notes on reference electrode.

e. Discuss the determination of pH using glass electrode.

Section- C

3. Answer any **four** questions. **7.5x4 = 30**

a. Write down application of polarography.
b. Write down principle of conductometric titrationWrite down advantages of non-aqueous titration over aqueous titration. Discuss in brief application of non- aqueous titrations.
c. Explain what is complexometric titration? Explain the role of masking and demasking agents in complexometric titrations?
d. Discuss the principle involved in HPLC chromatography. How Write application of HPLC over TLC.
e. Discuss the general principle instrumentation & application of Amperometry.
f. Write down principle , instrumentation and application of potentiometry.