

[Total No. of Questions - 7] [Total No. of Printed Pages - 2]
(2063)

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B. Pharmacy (Ayurveda) 2nd Semester Examination

Pharmaceutical Chemistry

BPA-222

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Question 1 is compulsory and candidates are required to attempt any Five questions out of remaining six.

1. Explain the followings :

- (a) Primary standard.
- (b) Photoelectrical effect.
- (c) Ritz combination principle.
- (d) Panli's exclusion principle.
- (e) Redox indicator.
- (f) Hund's rule for maximum multiplicity.
- (g) Zometric and Zudimetric filtrations.
- (h) Quantum number.
- (i) Radial probability distribution curve for is electron.
- (j) reactions for preparation of Ammonium chloride.

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2. Discuss principle for Gravimetric analysis method with examples. (10)
3. Give account of the modern periodic table. State how it is more useful than mandeleef's periodic table. (10)
4. Discuss occurrence, properties and reactions of potassium. Write on preparation, properties and uses of potassium permanganate. (10)
5. Write note on properties and uses of Borax. (10)
6. Discuss displacement reactions of metals with examples. (10)
7. Write on Inantification of heavy metals in Ayurvedic preparations. (10)