



جامعہ اردو ہند JAMIA URDU HIND

STATE'S MADRASATUL OLOOM FOR RESEARCH IN URDU LANGUAGE OF NATIONAL IMPORTANCE

Recognized by Statutory Bodies, Minority Commission, Ministry of Social Justice & Empowerment and Ministry of HRD, Govt of India

MAIN EXAMINATION OF JAMIA URDU HIND 2014

INSTRUCTIONS:

ALL QUESTIONS ARE COMPULSORY AND CARRY EQUAL MARKS.

TOTAL NO OF QUESTIONS ARE FIVE.

TOTAL DURATION OF EXAMINATION IS TWO HOURS(2 HOURS).

INTERMEDIATE EXAMINATION (XII STANDARD)

CHEMISTRY

Time : 2 Hrs

Max. Marks :100

Answer All the Questions

1.(a) How do electronegativity values help to find out the nature of the bonding between atoms.? Describe in detail how noble gases are isolated by Dewar's process

(OR)

(b) What are the postulates of valence bond theory?Distinguish chemical reactions from nuclear reactions.

2.(a) Explain Schottky and Frenkel defects. Write briefly about the preparation of colloids by chemical methods.

(OR)

(b) Explain the postulates of Arrhenius theory of electrolytic dissociation.Derive Nernst equation.

3(a) Write notes on the following:

i) Mustard Oil Reaction ii) Diazotisation reaction (iii) Gomberg reaction

(OR)

(b) What is a peptide bond? Explain the formation of dipeptide bond in glycyllalanine

4 (a)How is Standard Hydrogen Electrode (SHE) constructed? Explain its function?

(OR)

(b) State the various statements of second law of thermodynamics.

5.(a) Urdu is official language in five states of India. Mention the steps to restore its lost prestige and how minority community will be benefited by these steps?

(OR)

(b) Explain the role of Minority Community in the development of Indian society.