

## Semester – II

### 310 FRESHMAN ENGLISH – II

#### 311 LOGIC

- Definition of Logic
- Logic as a science and an art
- Scope of logic
- The laws of logic
- Induction and essential characteristics of induction
- Categorical propositions and classes
- Quality, quantity and distribution
- The traditional square of opposition
- Immediate inferences, conversion, obversion, contraposition, inversion
- Existential import
- Symbolism and diagram for categorical proposition
- Three basic uses of language
- Discourse serving multiple functions
- The form of discourse
- Emotive words
- Kinds of agreement and disagreement
- Emotively neutral language
- The purpose of definition
- The types of definition
- Various kinds of meaning
- Techniques for defining
- Standard form categorical syllogisms
- The formal nature of syllogistic arguments
- Venn diagram techniques for testing syllogisms
- Rules and fallacies
- Reducing the number of terms in categorical syllogism
- Translating categorical proposition into standard forms
- Uniform translation
- Enthymemes
- The dilemma
- Informal fallacies
- Fallacies of ambiguity
- The avoidance of fallacies

#### Text Books:

1. Irving M. Copi: Introduction to logic
2. Karamat Hussain: A textbook of Deductive Logic
3. Karamat Hussain: A textbook of Inductive Logic