

Semester V

(Discipline Centric Elective- A)

Title: Science Fiction

5 Credits

5 hours of teaching per week

Unit I	Science Fiction: Origin & Development of Science Fiction
Unit II	Jules Vernes: <i>Twenty Thousand Leagues Under the Sea</i>
Unit III	H.G. Wells: <i>The War of the Worlds</i>
Unit IV	Aldous Huxley: <i>Brave New World</i>
Unit V	Isaac Asimov: "The Fun They Had" and "It's Such a Beautiful Day"

(Discipline Centric Elective- B)

Title: Partition Literature

5 Credits

5 hours of teaching per week

Unit I	History of Indian Partition, trauma and displacement
Unit II	Kushwant Singh: <i>Train to Pakistan</i>
Unit III	Bapsi Sinhwa: <i>Ice-Candy Man</i>
Unit IV	Manohar Malgaonkar: <i>A Bend in the Ganges</i>
Unit V	Amritha Pritham: <i>The Skeleton</i> (Pinjar, trans. Kushwant Singh)

 12/06/18

 12/06/18

Semester V (Core-5)

Title: American Literature

5 Credits

5 hours of teaching per week

Unit I	Concepts a) Puritanism b) Transcendentalism c) Multiculturalism
Unit II	Prose James Thurber: The Secret Life of Walter Mitty
Unit III	Poetry Emily Dickinson: There is No Frigate Like a Book Maya Angelou: I Know Why the Caged Bird Sings
Unit IV	Fiction Harper Lee: To Kill a Mocking Bird
Unit V	Drama Arthur Miller: Crucible

12/06/18 *upside* *Chloe* *Eng*

KAKATIYA UNIVERSITY
B.Sc. Final Year (Under CBCS)
SEMESTER – V
(GE-1) GENERIC ELECTIVE-I
(FOR ALL SCIENCE FACULTY DEPARTMENTS)

PUBLIC HEALTH AND HYGIENE
Credits: 2

Theory: 2 hours/week

UNIT – I : NUTRITION AND ENVIRONMENT

- 1.1 Balanced diet and Malnutrition.
- 1.2 Nutritional deficiencies and disorders- Carbohydrates, proteins, lipids, vitamins and minerals.
- 1.3 Occupational, Industrial, agricultural and urban Health-Exposure at work place, urban areas, industrial workers, farmers and agricultural labourers, Health workers and health disorders and diseases.
- 1.4 Environmental pollution and associated Health hazards, Water borne diseases and Air borne diseases.

UNIT-II : DISEASES AND HEALTH CARE

- 2.1 Causes, Symptoms, Diagnosis, Treatment and Prevention - Malaria, Filariasis, Measles, Polio, Chicken pox, Rabies, Plague, Leprosy.
- 2.2 Causes, Symptoms, Diagnosis, Treatment and Prevention of non communicable diseases - Hypertension, Coronary Heart diseases, Stroke, Diabetes, Obesity and Mental ill-health.
- 2.3 Health care legislation in India – Termination of pregnancy act, Maternity benefit act, Biomedical waste act, ESI act.
- 2.4 First Aid and Health awareness, personal health care record maintenance.

KAKATIYA UNIVERSITY
B.Sc. Final Year (Under CBCS)
SEMESTER – V
(SEC-3) Skill Enhancement Course-III
(FOR ALL SCIENCE FACULTY DEPARTMENTS)

VERBAL REASONING FOR APTITUDE TEST

Credits: 2

Theory: 2 hours/week

Marks - 50

Unit – I NUMBERS AND DIAGRAMS

1.1 Series Completion: Number series, Alphabet Series

1.2 Series Completion: Alpha Numeric Series, Continuous Pattern Series

1.3 Logical Venn Diagrams

1.4 Mathematical Operations: Problem solving by substitution, Interchange of signs and numbers

Unit – II ARITHMETICAL REASONING

2.1 Mathematical Operations: Deriving the appropriate conclusions

2.2 Arithmetical Reasoning: Calculation based problems, Data based problems

2.3 Arithmetical Reasoning: Problems on ages, Venn diagram based problems

2.4 Cause and Effect Reasoning

Text Book: A Modern Approach to Verbal & Non-Verbal Reasoning by
Dr. R.S. Aggarwal