**PAPER – II: Section I**

**History and Cultural Heritage of India with Emphasis on 20th Century History of India**

1. R.C. Majumdar – Raya Choudhari & Datta – Advanced History of India.
2. D.D. Kosambi – An Historical Outline of Indian Culture and History.
3. A.R. Desai – Social Background of Indian Nationalism.
5. S.C. RayaChoudhary – Social Cultural and Economic History of India. (Earliest Times to Present Times)
6. M.N.Srinivas – Social Change in Modern India.
8. K.N. Panikar – Culture and Ideology in Colonial India.
10. V.A. Narayan – Social Reforms in Modern India.
12. Sumit Sarkar – Modern India.
15. N.V. Bhattacharya – Medieval Movements in India.
17. K.A. Nilakanta Sastry – A History of South India.
21. A.L. Srivastavan – History of India from 1000 to 1707.
22. S.R. Sharma – Mughul Rule in India.
24. Bipin Chandra _ Nationalism and Colonialism in Modern India.
25. Omredt Gail – Cultural Revolt in a Colonial Society. The Non-Brahman movement in Western India.
27. O.Hanlon Rosalind – Caste, Conflict and Ideology, Mahatma Jyotirao Phule and Low Caste Protest in 19th Century Western India.
Section II

Social and Cultural History of Andhra Pradesh.

1. S.C. Raya Choudhari – Social Cultural and Economic History of India. (Earliest Times to Present Times)
2. R.C. Majumdar – Raa Choudhari and Datta – Advanced History of India.
3. A.R. Desai – Social Background of Indian Nationalism.
5. M.N. Srinivas – Social Change in Modern India.
6. V.A. Narayan – Social Reforms in Modern India.
8. K.A. Nilakanta Sastry – A History of South India.
12. V. Ramakrishna – Social Reforms in Andhra.
13. N. Venkata Ramanaiah – Andhrula Charitra (Telugu)
28. Y. Balarama Murthy – Andhrula Samkshipta Charitra (Telugu).
PAPER – II:       Section III


Rajani Kothari, Politics in India, Orient Longman, Delhi, 1970.

Sriram Maheshwari, Indian Administration, Orient Longman, New Delhi, 2000.
PAPER – III:


2. For recent data & policy changes, above book is to be complemented by the Govt. of India, Economic Survey 2007-08, Ministry of Finance, New Delhi (recent edn. Say 2008) (The above books cover 1/3rd of the syllabus on Indian Economy).


8. Dynamics of AP Economy vis-à-vis Indian Economy with Focus on Regional Disparities, NAD (to be published).

The above 3 to 8 works are to be supplemented by *Statistical Abstract of AP (recent year) & Socio-Economic Survey of AP*, Govt. of A.P., Hyderabad, 2007-08.
PAPER – IV:  

Section I and III:


2. **Science & Technology of Nano materials**: **Author** – N. Balakrishna Rao, K. Krishna Reddy: **Publication**: Campus Book International

3. **Sustainable Development and Environment**: **Author**: A.K. De, N.C. Gupta  
   **Publication**: Cosmo Publications

4. **Text Book of Environmental Science & Technology**: **Author**: Dr. M. Anji Reddy  
   **Publication**: B.S. Publications

5. **Introduction to Environmental Engineering and Science**:  
   **Author**: Gilbert M. Masters

6. **Environmental Studies**: **Author**: Manoj Tiwari  
   **Publication**: J.K. International publishing house Pvt. Ltd.

Section II

**General awareness with the modern trends in life sciences**

**Unit – I**

1. Industrial Microbiology by L.E. Casida; New age international pvt. Ltd.
2. Fermentation Technology by Stanbury & Whitaker, Butterworth – Heinemann
4. Elements of Biotechnology by – P.K. Gupta; Rastogi .co

**Unit – II**

1. Text book of Botany by A.C. Datta
2. Introductory Botany by Ashok Bindre & P.C.Pande; Rastogi Publishing.

**Unit – III**

1. Biotechnology – 4 by S. Mahesh, A.B. Vedamurthy

**Unit – IV**

1. Text book of Microbiology by Pelczar; TMH
2. Medical Microbiology by Anantanarayana
3. Microbiology by Panjarathinam
4. Essentials of Biology and Biotechnology by Bir Bhadine; Pharma Book Syndicate.

**Unit – V**

1. Immunology by Kubay, Goldby, Kindy, Obsorne
2. Immunology by Riott
3. Immunology by Schamu’s outlines
4. Lecture note on Immunology by Gordon Reeves, Ian Todd, Blackweel Publishers.
PAPER – V:

Data Interpretation and Problem Solving