

9. GENERAL STUDIES :

(FOR ARTS STUDENTS)

APPENDIX 'A'

(Outlines of Tests)

<i>Paper</i> : (Written) :	<i>Marks</i> .. 100
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APPENDIX 'B'

(Syllabi and Courses of Reading)

GENERAL STUDIES FOR B.A. (PASS) STUDENTS

History of Science :

Science and Technology in Ancient and Medieval Times. The Compermican Theory; The Mechanical Universe; The Circulation of the Blood; The Pressure of the Air The Early Microscopist; The Seventeenth Century; The Creation of Modern Chemistry The Heroic Age of Biology. The Eighteenth Century; The Atomic Theory; The Wave Theory of Light; The Conservation and Dissipation of Energy; Field Physics; The Rise of Organic Chemistry; Evolution; The Germ Theory of Disease. The Nineteenth Century Genetics and Neo-Darwinism; The Structure of the Atom; The Twentieth Century.

Text Books :

The Major Achievements of Science, Vol I by A.E.E. McKenzied, published by Oxford University Press, Karachi, by arrangement with Cambridge University Press. Only the following Chapters from this book are prescribed for study :—

1. Chapter 1 .. Science and Technology in Ancient and Medieval Times.
2. Chapter 4 .. The Circulation of the Blood.
3. Chapter 5 .. The pressure of the Air.
4. Chapter 6 .. The Early Microscopists.
5. Chapter 8 .. The Creation of Modern Chemistry (excluding Phlogiston Theory).
6. Chapter 11 .. The Atomic Theory.
7. Chapter 13 .. The Conservation and Dissipation of Energy.
8. Chapter 16 .. Evolution.
9. Chapter 17 .. The Germ Theory of Disease.
10. Chapter 20 .. The Structure of the Atom.
11. Chapter 24 .. The Twentieth Century.

Twenty questions spread uniformly over the selected Chapter of the book will be set for the Examination and the students will be required to answer only five questions.