LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

**B.A.** DEGREE EXAMINATION – **HISTORY**

FIFTH SEMESTER – **APRIL 2012**

# HT 5401 - HIST. OF SCIENCE & TECHNOLOGY

 Date : 27-04-2012 Dept. No. Max. : 100 Marks

 Time : 1:00 - 4:00

 **PART – A**

**Answer any TEN of the following not less than FIVE LINES each: (10 x 2 = 20)**

1. Aryabhatiyam
2. Varahamihira
3. Arabic Number System
4. James Watt
5. White Revolution
6. C.V. Raman
7. Kings Institute
8. ISRO
9. Sriharikota
10. BARC
11. Chipko Movement
12. Global Warming

**PART – B**

**Answer any FOUR of the following in a PAGE each: (4 x 10 = 40)**

1. Give a brief account on the development of science and technology in ancient India.
2. Highlight the contribution of Aryabhatta to the development of Mathematics in India.
3. Write a note on the Asiatic Society of Bengal.
4. Describe the role of the Archaeological Survey of India in preserving the Indian Heritage.
5. Explain the effects of Green Revolution in India.
6. Narrate the significance of Water Harvesting in the present day world.

**PART – C**

**Answer any TWO of the following in a FOUR PAGES each: (2 x 20 = 40)**

1. Assess the inventions made during the Industrial Revolution and explain the effects of Industrial Revolution.
2. Explain the British Policy towards the development of science and technology in India.
3. Discuss in detail the causes, courses and impact of Agrarian Revolution.
4. Discuss the importance of Nuclear Energy in the present day world.

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