

I/IV B.E./B.Tech. DEGREE EXAMINATION

First and Second Semester

HISTORY OF SCIENCE AND TECHNOLOGY - 2012

(Common for all branches)

(Effective from the admitted batch of 2006-2007)

Time : Three hours

Maximum : 70 marks

Answer any FIVE questions.

All questions carry equal marks.

First question is compulsory.

1. Write short answers to the following : (7x2=14)
 - a) Name famous women scientists (2 to 4) in India.
 - b) What is green revolution ? Explain.
 - c) Mention briefly about the role of society in promoting science and technology.
 - d) What is CSIR? Explain its functioning.
 - e) What is remote sensing? Explain.
 - f) What is DRDO role in science and technology?
 - g) What is industrialization? Explain.
2. Write about the following w.r.t. their research activities.
 - a) ISRO

b) DST

c) MOEs

4. Write a detailed note on nuclear energy program of India.
5. Write a detailed note on the revolution created by Biotechnology in medicine, agriculture and veterinary sciences.
6. Write about MHRD policy, promotion and implementation of technical in India.
7. What are patents? Write about technology. Knowhow and transfer.
8. Write about the following:
 - a) Current five year plan period developments in S and T
 - b) Innovation and barriers of technology change.