



- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Due credit will be given to neatness and adequate dimensions.
 4. Assume suitable data wherever necessary.

1. a) Review nature and Importance of Technology in pre-colonial India. 8
b) Analyse the development of science and Technology during Vedic period. 8

OR

2. a) Discuss development in Astronomy with special reference to Aryabhatta. 8
b) Discuss any one source of History of science. 8

3. a) Explain the contribution of bhaskaracharya-1 and bhaskaracharya-2 in the field of mathematics. 8
b) Explain the biography of Bramhagupta. 8

OR

4. a) How did Nagarjuna contribute to society. 8
b) Describe the Aryabhatta's work and Legacy. 8

5. a) Describe Sushruta- the physician. What did Sushruta say about anatomy? 8
b) Discuss the role of charak in the growth of Ayurved. 8

OR

6. a) Who is Patanjali? What is the central idea for the yog sutras. 8
b) Describe the principles and Terminology associated with Ayurvedic system of medicine. 8

7. a) Describe the structure of CSIR orgnaisation. 8
b) What are the challenges and opportunities in front of India's space program? 8

OR

8. a) Describe the impact of Agriculture on the growth or science. 8
b) How did DRDO originate and Grew ? 8

9. a) Explain the concept of universalization. 8
b) What was the first major science policy in India? 8

OR

10. Write short notes on- 16
 - i) Scientific Policy Resolution 1958.
 - ii) Technology Policy Statement 1983.
 - iii) Science and Technology Policy 2003.
 - iv) Science, Technology and Innovation Policy 2013.
