BE203CS-I - History of Science & Technology

P. Pages : 2

Time : Three Hours

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7883

GUG/W/23/14344

Max. Marks : 80

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Notes : 1. All questions are compulsory.
2. All questions carry equal marks.
3. Assume suitable data wherever necessary.

1. a) Describe the development of technology in prehistoric period of India. **8**

b) Explain Dravidian architecture in detail. **8**

OR

2. a) Discuss the sulba sutra given in Indian mathematics. **8**

b) What is the role of science and technology in ancient India? **8**

3. a) Describe the Aryabhatta Inventions and Aryabhatta Discoveries. **8**

b) Describe contribution of Bhaskaracharya in detail. **8**

OR

4. a) How did Brahmagupta contribute to mathematics? **8**

b) What is Baudhayana's Sulbasutra? **8**

5. a) Explain the Ayu given by Charaka in detail. **8**

b) Who is the father of plastic surgery and World's first surgeon? What does mean by Hippocratic oath? **8**

OR

6. a) Why did Patanjali want us to have a daily Sadhana? **8**

b) Describe the Eight Limbs or The Ashtanga concept in yoga sutra. **8**

7. a) Describe the minimal History of Ayurveda. **8**

b) What are the objectives of CSIR? List some of the Important CSIR Labs. **8**

OR

8. a) What is Integrated Guided Missile Development Programme (IGMDP). **8**

   b) What are ISRO's Launch vehicles? Explain. **8**

9. a) Explain the national Innovation policy document? **8**

   b) Explain the History of Five year plans? **8**

OR

10. Write short note on India Since Independence. **16**

   i) Nehruvian Era.

   ii) PM Shastri Era.

   iii) PM Indira Gandhi Era.

   iv) PM Rajiv Gandhi Era.

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