

2023  
History of Science and Engineering

Full Marks : 100  
Time : Three hours

Answer any five questions

1. Describe the contribution of Copernicus towards the development of scientific thought. 20
2. What are the scientific evidences of the Evolution theory? Describe the development of Evolution theory in brief. 6 + 14
3. Suggest a scientific experiment to examine the hypothesis that "Solar eclipses stimulate the growth of viruses and bacteria." 20
4. Describe science and pseudoscience with examples. Is astrology is science? Explain. 10 + 10
5. Describe the scientific development in ancient and colonial India. 10 + 10
6. Write the short note on: (any four)
- (i) Hypothesis
  - (ii) Scientific method
  - (iii) Applied and basic research
  - (iv) Crisis in science
  - (v) Egyptians development of mathematics
- 5 x 4

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