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7. (a) Distinguish between infections and non-infections diseases. Discuss briefly how the infections diseases travel from one person to another. 7½
- (b) Explain the importance of science in solving the problems associated with food and Agriculture. 7½

Unit-IV

8. (a) How society influences scientific development explain with the help of appropriate example? 7½
- (b) Give reason for the benefits of our technological development not reaching all strata of our society. 7½
9. (a) Comment on the statement, "The immense potential of science and Technology has set humankind rethinking about its use." 7½
- (b) The problems of everyday life could be solved adopting a scientific approach-explain? 7½

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B.C.A. (Semester-II) Examination, 2015

(Old Course)

Foundation Course in Science & Technology

Paper-IV

(BCA-204)

Time Allowed : Three Hours] [Maximum Marks : 100

Note : Answer five questions in all. Question No.1 is compulsory. Attempt one question from each unit.

1. Answer the following: 4 × 10 = 40
- (a) Discuss the social function of Science.
- (b) Discuss science and technology in modern India.
- (c) Explain the theory of origin of Universe.
- (d) Differentiate between renewable and non-renewable resources.

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(2)

- (e) Discuss the role of Information Technology in Environment and Human health.
- (f) What do you understand by Resource utilization.
- (g) Discuss how the application of scientific knowledge has made better agriculture possible under different conditions.
- (h) What do you mean food processing?
- (i) Discuss the impact of technology on Industrial development in India.
- (j) How does modern technology affect the lifestyle of individuals and the society?

Unit - I

- 2. Write short notes on the following:
 - (a) Iron Age 7 ½
 - (b) Science and Man 7 ½
- 3. (a) Analyse the factors that impeded the growth of science in India in the medieval times. 7 ½

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- (b) Define science and discuss the role of science in human life. 7 ½

Unit - II

- 4. (a) Write an essay on Environment and Human Health. 7 ½
 - (b) Discuss the role of an individual in prevention of pollution. 7 ½
- 5. (a) What do you understand by recycling? How recycling of wastes improves resource utilization? 7 ½
 - (b) Discuss the modifications brought by man in earth's environment and its consequences. 7 ½

Unit - III

- 6. (a) Write an essay on the scientific possibilities and social realities in context of Agriculture in India? 7 ½
 - (b) What do you understand by balanced diet? Why is it necessary for us? 7 ½

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