

Total No. of Questions—12]

[Total No. of Printed Pages—4

[3862]-215

SE. (Computer Engineering and IT)) (I Sem.)

EXAMINATION, 2010

HUMANITIES AND SOCIAL SCIENCE

(2008 COURSE)

Time : Three Hours

Maximum Marks : 100

N.B. :— (i) Answers to the *two* sections should be written in separate answer-books.

(ii) Neat diagrams must be drawn wherever necessary.

(iii) Figures to the right indicate full marks.

(iv) Assume suitable data, if necessary.

SECTION I

1. (a) What is meant by Sociology ? Explain the importance of sociology. [6]
- (b) Differentiate between primary and secondary kin. [4]
- (c) Describe in brief the financial powers of Panchayati Raj Institutions. [6]
- (d) Define caste. [2]

Or

2. (a) What is the difference between gender equality and gender equity ? [4]

P.T.O.

- (b) Explain the components of secularism in India. [6]
 - (c) What are the problems in a modern Indian family ? [6]
 - (d) Define marriage. [2]
3. (a) Explain any *two* methods of acquiring sociological knowledge. [6]
- (b) Explain the concept of cultural lag. [4]
 - (c) Describe in brief the National Nutrition Policy. [6]

Or

4. (a) What are the problems faced in the study of human beings ? [6]
- (b) Differentiate between social change and social progress. [4]
 - (c) Describe in brief the National Social assistance program (NSAP). [6]
5. (a) What is the impact of precision farming in agricultural revolution ? [5]
- (b) How does IPR laws affect the biotechnology sector development ? [6]
 - (c) Explain the *three* basic elements of Green Revolution. [3]
 - (d) Give any *two* shortcomings of Green Revolution. [2]

Or

6. (a) How do you classify the industries on the basis of ownership ? [5]
- (b) Explain the consequences of Non-registration of company. [3]
 - (c) Explain in detail Public Sector. [8]

SECTION II

7. (a) What are the steps taken by leading IT industries for the pollution control ? [4]
- (b) Explain in detail effects of Global warming. [4]
- (c) What are the factors which contribute to the loss of Biodiversity ? [5]
- (d) Explain the following ecosystems : [3]
- (i) Arctic tundra
- (ii) Urban ecosystem.
- Or*
8. (a) With a suitable diagram, explain ecological pyramid. [5]
- (b) Explain energy flow models of an ecosystem. [5]
- (c) Explain the measures to be taken for protection of biodiversity. [4]
- (d) Define the following population characteristics : [2]
- (i) Infant Mortality Rate (IMR)
- (ii) Zero-population growth.
9. (a) What are the functions of planning commission ? [8]
- (b) Compare the concepts of Microeconomics and Macroeconomics. [6]
- (c) Define Inflation. [2]

Or

10. (a) Explain National Population Policy, 2000 (NPP 2000). [8]

(b) Discuss INDIA VISION, 2020. [8]

11. (a) What are the objectives of Budgeting ? [6]

(b) Differentiate between Shares and Debentures. [6]

(c) Define the following terms : [6]

(i) Marginal Cost

(ii) Fixed Cost

(iii) Variable Cost.

Or

12. Write short notes on (any *three*) : [18]

(i) Functions of RBI

(ii) Profit and Loss Account

(iii) Break-even analysis

(iv) Indian Banking

(v) World Trade Organization.