

S'12 : 4 FN : AN 204/AD 304(1404)

SOCIETY AND ENVIRONMENT

Time : Three hours

Maximum Marks : 100

Answer FIVE questions, taking ANY TWO from Group A, ANY TWO from Group B and ALL from Group C.

All parts of a question (a, b, etc.) should be answered at one place.

Answer should be brief and to-the-point and be supplemented with neat sketches. Unnecessary long answers may result in loss of marks.

Any missing or wrong data may be assumed suitably giving proper justification.

Figures on the right-hand side margin indicate full marks.

Group A

- | | | |
|----|--|---|
| 1. | (a) Define sociology. | 5 |
| | (b) Why is the study of sociology useful ? | 5 |
| | (c) What is social stratification ? | 5 |
| | (d) What is social change ? | 5 |
| 2. | (a) Distinguish between caste and class. | 5 |
| | (b) Explain social mobility. | 5 |

(Turn Over)

- (c) What is cultural heritage? 5
(d) State the special features of industrial society. 5
3. (a) What are the causes of social tension? 10
(b) State the chief parameters of development. 10
4. (a) What are the objectives of planning? What needs to be done to plan for social development? 10
(b) What are the criteria for assessment of appropriate technology? 5
(c) How can women empowerment help in social development? 5

Group B

5. (a) Why is the study of ecology so important? 5
(b) What is ecosystem? What are the different types of ecosystem? 5
(c) What are the chief causes of eco-imbalance? 5
(d) Suggest few measures to protect ozone layer. 5
6. (a) What is environmental degradation? 5
(b) What are the effects of global warming? 5
(c) Write a note on wildlife preservation. 5
(d) State the effects of deforestation. 5
7. (a) What is industrial waste? How it affects environment? 10

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(Continued)

- (b) Define the following : (i) Hazardous waste, (ii) solid waste, and (iii) contaminants. 3 + 3 + 4
8. (a) What do you mean by sustainable development? Why is it important? 10
(b) Discuss briefly the role of engineers in sustainable development. 10

Group C

9. (A) Give the full form of the following abbreviations: 5 × 1
(i) UNEP
(ii) AIDS
(iii) TERI
(iv) IBRD
(v) SEBI
- (B) Why are the following personalities known for? 5 × 1
(i) A.P.J. Abdul Kalam
(ii) Ms Kalpana Chawla
(iii) Amartya Sen
(iv) Acharya J.C. Bose
(v) C.V. Raman

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(Turn Over)

- (C) Match the books given in column A with the authors given in column B: 5×1

<u>Column A</u>	<u>Column B</u>
(i) Asian Drama	(I) J.KGalbraith
(ii) Das Capital	(II) Adam Smith
(iii) The Wealth of Nations	(III) Karl Marx
(iv) Ramayana	(IV) Gunnar Myrdal
(v) The Affluent Society	(V) Valmiki

- (D) Match the following personalities with their achievements/events: 5×1

<u>Name</u>	<u>Achievements / Events</u>
(a) Sania Mirza	(A) Film acting
(b) M. Vivian Foe	(B) Female tennis star
(c) Roger Federer	(C) An international tennis star
(d) Kiran Bedi	(D) A football player who died in the playground
(e) Yusuf Khan	(E) Famous for prison reforms