

Singh, Pramod (ed.) 1987. *Ecology of Urban India. Volume II*. Ashish Publishing House: Delhi

Sinha, S.P. 1986. *Urban Environment and Contemporary Ecology*. The Indian Publications: Amballa Cantt.

Thaper, Valmik 2003. *Battling for Survival: India's Wilderness over Two Centuries*. Oxford University Press: New Delhi

37.11 SPECIMEN ANSWERS TO CHECK YOUR PROGRESS

Check Your Progress 1

- i) Ecology is the study of the interrelation between organisms and their environment.
- ii) The thinkers of this school feel that the state of ecology is directly linked to the state of technology. This approach emphasises that technology, economics, population form a basic influence on social processes.
- iii) The advantage of the Systems Model is that it puts man at the centre of ecological issues. Accordingly the social system selectively exploits the ecology system. At the same time the ecological system adapts to and sustains the social system.

Check Your Progress 2

- i) The pollution and dirt that arise from water drains and waste matters from human settlements are at times equal to industrial effluents.
- ii) In its natural state the atmosphere provides man with oxygen. However, if this becomes clouded with smoke from cars, factories, stoves and so on it can lead to a source of ill health and disease.

Check Your Progress 3

- i) Pesticides affect all vital organs of the body like kidney, liver, heart and thyroid. Headaches, memory loss, body tumor, blurred vision, heart attacks, arthritis, limb swelling are some of the health problems created by exposure to and intake of pesticides.
- ii) The hug-the-tree movement or *Chipko Andolan* arose in the then state of UP around 1973 to check the felling of trees and reduction of forest cover. The villagers hugged the trees (ash trees in Gopewar of Chamoli district) which were to be cut down for commercial use by a sports firm. In 1974 women rallied around the forests and blocked the path leading into the forest.

REFERENCES

(These are given for those students who wish to follow certain points in detail.)

Ashish, Madhava 1981. "The Effect of Overgrazing in the Kumaon". In J.S. Singh, S.P. Singh, C. Shastri (ed.) *Science and Rural Development in Mountains—Ecological Socio-Economical and Technological Aspects*. Gyanoday Prakash: Nainital pp. 25-46

Bahuguna, Sunderlal 1987. "The Chipko—A People's Movement". In M.K. Raha (ed.) *The Himalayan Heritage*. Gian Publishing House: Delhi, pp. 238-248

Barth, Fredrik 1969. *Ethnic Groups and Boundaries*. The Social Organisation of Cultural Differences. Alien and Unwin: London

Barua, Indira et al (ed.) 2002. *Ethnic Groups, Cultural Continuities and Social Change in North-East India*. Mittal: New Delhi

Bottomore, T. 1987. *Sociology: A Guide to Problems and Literature*. III Edition. Alien and Unwin: London

Byres, Terrence, J. 1997. *The State Development Planning and Liberalisation*. Oxford University Press: New Delhi

Carson, Rachael 1971. *Silent Spring*. Penguin Books: Middlesex

Chakarabarti, Balai Chandra 2003. "Panchayat Drama: Where do We Go From Here?" *The Statesman*. June 3

Chaturvedi, H.R. 1987. "Rural Development: Rhetoric and Reality". In K.S. Shukla (ed.) *The Other Side of Development*. Sage Publications India Limited: New Delhi

Chengoppa, R. and Rajihata, C. 1989. "Poison in Your Food". In *India Today* (June 15 Issue), pp. 74-81

Chopra, Ravi 1982. *The State of India's Environment—A Citizens Report*. Centre for Science and Environment, Delhi

Cohen, A. 1974. *Urban Ethnicity*. Tavistock Publications: London

Danda, Ajit K. 1999 (ed.) *Ethnicity, Nationalism and Integration*. The Asiatic Society: Calcutta

Desai A.R. 1984. *India's Path of Development*. A Marxist Approach. Popular Prakashan: Bombay

Desmond, D'Abreo 1985. *People and Forests: The Forest Bill and a New Forest Policy*. General Editor, Alfred de Souza. Indian Social Institute: Delhi

Dubashi, P.R. 1987. Development: An Overview. In K.S. Shukla (ed.) *The Other Side of Development*. Sage Publications India: New Delhi

Eshleman, J.R. and Cashion, B.C. 1983. *Sociology: An Introduction*. Little Brown & Co: Boston

Social Change

- Frank, A.G. 1967. *Sociology of Development and Underdevelopment of Sociology*. Catalyst Volume 3: Buffalo
- Gadgil, Ashok 1998. Drinking Water in Developing Countries. *Annual Review, Energy and Environment* 23: 253-86.
- Gadgil, M. and R. Guha 1995. *Ecology and Equity: The use and Abuse of Nature in Contemporary India*. Routledge: London
- Gore, M.S. 1973. *Some Aspects of Social Development*. Tata Institute of Social Sciences: Bombay
- Government of India 1952. *First Five Year Plan*. Planning Commission: New Delhi
- Government of India 1988. *India 1987. A Reference Annual*. Ministry of Information and Broadcasting: New Delhi
- Government of India 2003. *India 2003, A Reference Annual*. Ministry of Information and Broadcasting: New Delhi
- Gupta, Dipankar 2000. *Culture, Space and the Nation-State*. Sage Publications: New Delhi
- Heredia, Rudi 1986. *Minority Rights and Reservation Policy: Towards Coherence and Consistence*. *New Frontiers in Education*. Vol. XVI, No. 2, April-June: pp. 60-63
- Horton, P.B. and Hunt C.L. 1981. *Sociology*. McGraw Hill: London
- Jain, S. 1984. *Standing Up for Trees: Women's Role in the Chipko Movement*. UNASYLVA (FAO, UN Journal of Forestry) 36(146): 12-20
- Jain, S. 1988. *Case Studies of Farm Forestry and Wasteland Development in Gujarat, India*. FAO (UN): Rome
- Kumar, A. 2001. *Social Transformation in Modern India*. Sarup: New Delhi
- Kuppuswamy, B. 1987. *Social Change in India*. Vikas Publishing House: New Delhi (Originally published in 1972.)
- McClelland, D.C. 1961. *The Achieving Society*. Van Nostrand Company: Princeton
- Mc Intosh and Robert, P. 1985. *The Background of Ecology: Concept and Theory*. Cambridge University Press: New York
- Malik, S.L., and Bhattacharya, D.K. 1986. *Aspects of Human Ecology*. Northern Book Centre: New Delhi
- Mc Laughlen, Barny 1969. *Studies in Social Movements: A Socio-Psychological Perspective*. The Free Press: New York
- Mohan, Madan 2000. *Ecology and Development*. Rawat: Jaipur
- Moore, Barrington 1966. *Social Origins of Dictatorship and Democracy*. Beacon Press: New York

Moore, W.E. 1951. *Industrialisation and Labour: Social Aspects of Economic Development*. Cornell University Press: Ithaca New York

Mukherjee, P.N. 1977. "Social Movements and Social Change". *Sociological Bulletin*, Volume 26 (1) March

Ogburn, W.F. 1966. *Social Change*. Dell: New York. (Originally published in 1922)

Prakash, Om, G. Sastry and YVR Reddy 2003. Suitabe Schemes: Impact of Watershed Development of Programme on Conservation of Natural Resources in Rainfed AERs of India. *Wastelands News* XIX (i): 55-59

Pushpa Sundar 1988. "Education and Socialisation of Professional Women: The Case of Women Entrepreneurs". In Karuna Chanana. (ed). *Socialisation Education and Women*. Orient Longman: New Delhi

Punekar, V. 1974. *Assimilation*. Popular Prakashan: Bombay.

Rao, M.S.A. 1979. *Social Movements in India*. Volume I and II, Manohar Publications: India

Rao, M.S.A. 1979. *Social Movements and Social Transformation: A Study of the Backward Classes Movements in India*. Macmillan: India

Rao, M.S.A. 1974. *Social Movements and Social Transformation*. Macmillan: Madras

Shah, Ganshyam (ed.) 2002. *Social Movements and the State*. Sage Publications: New Delhi

Shah, Tushaar, Christopher Scott, Stephane Buechler 2004. Water Sector Reforms in Mexico, Lessons for India's New Water Policy. *Economic and Political Weekly* XXXIX (4): 361-370

Sharma, S.L. (ed.) 1986. *Development: Socio-Cultural Dimensions*. Rawat Publication: Jaipur

Sillitoc, Paul, Alan Bicker and Johan Pottier 2002. *Participating in Development: Approaches to Indigenous Knowledge*. ASA a Monograph 39. Routledge: London

Singh, Y. 1987. "Development in India: Continuities and Contradictions". In K.S. Shukla (ed.). *The Other Side of Development*. Sage Publications India: New Delhi

Singh, Y. 2000. *Culture Change in India: Identity and Globalisation*. Rawat: Jaipur

Soni, Vikram 2003. Water and Carrying Capacity of a City. *Economic and Political Weekly* XXXVIII (45): 4743-4748

Srinivas, M.N. 1986. *India: Social Structure*. Hindustan Publishing Corporation: (India), Delhi. (Originally published in 1969 by the Director, Publications Division, I.E., New Delhi

Srinivas, M.N. 1972. *Social Change in Modern India*. Orient Longman: New Delhi

Social Change

Sills, David, L. (ed.) 1972. *International Encyclopaedia of Social Sciences*. Macmillan & Free Press: New York

Sundaresh, Aruna 1986. *Constitutional Law and Reservations. New Frontiers in Education*. Volume XVI, No. 2, April-June: pp. 33-36

Thaper, Valmik 2003. *Battling for Survival: India's Wilderness over Two Centuries*. Oxford University Press: New Delhi

Toch, H. 1965. *The Social Psychology of Social Movements*. Methurin Publication: London

Touraine, Alain 1968. *The May Movement*. Random House: New York

Weber, Thomas 1987. *Hugging the Trees: The Story of the Chipko Movement*. Viking, Penguin Books: Delhi

Weiner, Myron 1978. *Sons of the Soils Migration and Ethnic Conflicts in India*. Oxford University Press: New Delhi

