

## WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION

### SUBJECT : ENVIRONMENTAL STUDIES (ENVS)

CLASS – XI

SEMESTER – II

FULL MARKS: 40

Chapter	Subtopics	Marks	Hours
Sustainable development and agriculture	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Concept of Environment and Sustainable Development</li> <li>• Concept of Sustainable Consumption</li> <li>• Need of Sustainable Development for Improving Quality of Life for the Present and Future</li> <li>• Concept of Sustainable Agriculture: Element, Need, Action Plan</li> <li>• Importance of Soil for Crops</li> <li>• Irrigation Systems: Old and Modern System</li> <li>• Use of Manure and Fertilizers: Chemical and biofertilizers</li> <li>• Crop Protection –Type of Pests and Pesticides, Control-Measures, Agrochemicals, and their impact on the environment</li> <li>• Exercise</li> </ul>	20	40
Energy	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Changing Global Pattern of Energy Consumption</li> <li>• Energy Consumption as a Measure of Quality of Lifestyle</li> <li>• Energy Scenario in India</li> <li>• Energy Sources</li> <li>• Fossil fuel Harnessing and Environmental Consequences</li> <li>• Energy Conservation- Efficient Production and Efficient Uses</li> <li>• Planning &amp; Management of Energy Exercise</li> </ul>	20	40