

**MASTER OF SCIENCE
(RENEWABLE ENERGY AND
ENVIRONMENT) (MSCRWEE)
Term-End Examination**

June, 2025

**MRW-007 : ENERGY ECONOMICS AND
PLANNING**

Time : 3 Hours

Maximum Marks : 70

***Note : Attempt any **seven** questions. All
questions carry equal marks.***

1. With the help of examples, describe Herzberg's two-factor theory. 10
2. Explain how the output and the price are determined in a perfectly competitive market. 10

3. Enlist various critical elements of economic environment. Discuss any *two* of them in detail. 10
4. Describe the various cost components on which tariff of electricity depends. 10
5. Write a detailed note on the main organs of UN and their functions. 10
6. What is the fundamental difference between the use of acceptance sampling plans and process control charts ? 10
7. Discuss the various reasons for market failures in detail. 10
8. What is the significance of time value of money in life cycle cost analysis ? Explain with the help of a suitable example. 10
9. Write short notes on any *two* of the following: 5+5
 - (a) Optimal mix of technologies
 - (b) Improved Chulhas
 - (c) RIO Conference

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