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Total Pages : 3

Roll No.

EVS-503

Energy Resources

M.Sc. Environmental Science(MSCES-21)

1st Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. What is Energy? Define different forms of energy in detail.
2. What do you understand by Bio-fuel? Write advantages and disadvantages of bio-fuel.

3. What is Natural Gas? Explain forms of natural gas along with civilization.
4. What is solar energy? Discuss the uses of solar energy.
5. What are energy resources? Discuss about the various conventional sources of energy.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. What are the conventional sources of energy? Explain the Ethanol in detail.
2. Describe the non conventional sources of energy.
3. Discuss briefly about the Hydrogen economy.
4. How coal is produced globally? Discuss briefly.
5. Describe the countries and their share in total oil consumption of the world.

6. What are Municipal wastes? Discuss how energy is produced from Municipal waste.
 7. What is Biomass? Discuss its types and uses.
 8. What is Climate change? Discuss causes of climate change in brief.
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