

Core Theme - Patterns and Change

SECTION A

Answer all questions. Write your answer in the answer boxes provided

1. Patterns in Environmental Quality and Sustainability

(a) Describe the energy balance between solar and long wave radiation in the atmospheric system [5]

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(b) Explain the changes in the balance between solar and long wave radiation due to external forcings [5]

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(c) Explain the changes in solar and long wave radiation due changes in the albedo of the atmosphere [5]

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