The candidate should be able to:

**• Define climate scenario analysis and explain how organizations use scenario analysis.**

**• Explain the definition and purpose of global net-zero scenarios including carbon removal process.**

**• Describe IPCC scenarios and associated representative concentration pathways (RCPs) and shared socioeconomic pathways (SSPs).**

**• Understand the difference between RCPs and SSPs.**

**• Describe IEA scenarios and other key global reference scenarios.**

**• Understand the parameters that organizations need to consider for scenario development and analysis.**

**• Explain how scenario analysis is used for assessing transition risk.**

**• Describe IAMs and their uses.**

**• Explain how scenario analysis is used for assessing physical risk.**

**• Examine how all types of corporations (financial and non-financial) use climate scenario analysis.**

**• Describe how financial firms use climate scenario analysis for the investment process and climate risk exposure management.**

**• Explain different aspects of climate scenario analysis using case studies.**