INSTRUCTIONS TO CANDIDATE
Answer question ONE from SECTION A and any TWO questions from SECTION B.

SECTION A (COMPULSORY)

2. Q1 (a) Describe the impacts of climate change in food and nutritional security. [14 marks]
   (b) What livelihood options can be used to mitigating food and nutritional insecurity. [6 marks]
   (c) Discuss the technological interventions that can be used to improve crop production in the face of climate change. [10 marks]
   (d) Poor policies and poor policy implementation has resulted in poor food security and nutrition. Discuss. [15 marks]
   (e) Discuss the options that are available for policy improvement. [5 marks]

SECTION B

5. Describe the technological responses that can be used in the smallholder farming sector to reduce the impacts of climate change. [25 marks]

6. The use of biotechnology and GMOs can used to improve food security in the face of climate change. [25 marks]

7. Climate change has resulted in unfair on pricing and poor access by the majority of the population in developing countries. Discuss [25 marks]

End of Paper