INSTRUCTIONS TO CANDIDATES

1. *Carefully read and follow the instructions contained in your answer booklets.*

2. This Paper consists of **FIVE** questions. Marks for each question are indicated against them.

3. Answer **QUESTION ONE** and any other **TWO** questions.

Question One (30 marks)

a). Describe **two** models used by many countries as an insight for Education. (4 marks)

b). Outline **four** processing invention that have greatly increased productivity in the recent years in the area of Technology. (4 marks)

c). Explain **three** types of knowledge technology according to Woodward approach. (6 marks)

d). Discuss **eight** areas under which intellectual property systems focuses. (16 marks)

Question Two (20 marks)

a). Describe **three** things that Japan undertook to accelerate their economic growth. (8 marks)

b). Discuss **three** factors that enhance intellectual property administration at the stage of enhancing domestic capabilities and having imported technologies established in the local economy. (12 marks)

Question Three (20 marks)

a). Define the term innovating by doing as used Industrial society. (2 marks)

b). Describe **three** classes of relevant models of the relationship between Education and growth. (6 marks)

c). Discuss the approach of James Thompson in understanding technology. (12 marks)

Question Four (20 marks)

a). Highlight **five** components of economic growth in an Industrial society. (10 marks)

b). Give **five** negative consequences of the greater wonders of technology. (10 marks)

Question Five (20 marks)

a). Explain **five** processing inventions that greatly influenced productivity in the past 200 years. (10 marks)

b). Compute and comment the technological progress of USA from 1900- 2009, using the following information. $G_L = 1.1\%$, $G_K = 1.8\%$, $E_{Q.L} = 0.7\%$, $E_{Q.K} = 0.40\%$ and $G_Q = 2.2\%$. (10 marks)