SOUTH EASTERN KENYA UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN SOCIAL WORK

CCS 007: SCIENCE, TECHNOLOGY AND DEVELOPMENT

(Main Campus & Kitui Campus)

<u>DATE: 19TH APRIL, 2017</u>   <u>TIME: 1.30 -3.30 PM</u>

INSTRUCTIONS TO CANDIDATES

Question One is <u>COMPULSORY</u>

Answer <u>ANY OTHER TWO</u> Questions

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1. (a) Explain five factors Malaysia is more successful economically than Kenya today despite having the same per capita GNP in 1960.   (5 Marks)

    (b) Discuss five reasons to why literacy rates in developing countries are very low.

    (10 marks)

    (c) Discuss five ways which can be used to promote science and technology in a community.   (10 marks)

    (d) Using appropriate illustrations identify the FIVE characteristics of underdevelopment

    (10 marks)

2. (a) Define the term indigenous technology in relation to development.   (2 Marks)

    (b) With reference to Kenya describe five characteristics of indigenous technology.

    (10 Marks)

    (c) Describe four types of technologies in relation to economic development of a country.

    (8 Marks)

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3. (a) With reference to developing countries explain the terms sustainable development
   (3 Marks)

   (b) Outline five issues that encompasses sustainable development for lasting satisfaction of human needs and improvement of the quality of life in developing countries. (5 Marks)

   (c) Explain six goals of sustainable development. (12 Marks)

4. (a) Outline the role of scientific communication in development of a country. (4 Marks)

   (b) Explain the importance of an effective scientific communication. (4 Marks)

   (c) Explain six limitations to effective scientific communication. (12 Marks)

5. (a) Outline four features of a developing country. (4 Marks)

   (b) Describe three indices which can be used to measure development of a country.
   `(6 Marks)

   (c) Discuss five economic factors that influence development of a country. (10 Marks)