



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

FOURTH YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

CITY CAMPUS

CIT 408: IT AND DEVELOPMENT


Date: 29th July, 2017

Time: 9.00 - 12.00 noon

INSTRUCTIONS:

- Answer ALL questions in SECTION A and any other TWO from SECTION B
- Write your registration number on all sheets of the answer book used.
- Use a NEW PAGE FOR EVERY QUESTION attempted, and indicate number on the space provided on the page of the answer sheet.
- Fasten together all loose answer sheets used.
- Mobile phones and PDAs are NOT allowed in the examination room.

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SECTION A: COMPULSORY QUESTION 30 MARKS

QUESTION 1

Among the many insights that emerge from the Networked Readiness Index (NRI) results, five stand out because of their important policy implications. Briefly discuss these insights

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- a) The transformative power of ICTs (6 marks)
 - b) The myth of ubiquitous ICTs (6 marks)
 - c) The low-hanging fruit of policymaking (6 marks)
 - d) ICTs' contributions to shared prosperity (6 marks)
 - e) Better data for better policies (6 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (20 MARKS EACH)

QUESTION 2

- a) Discuss ICTs support for economic convergence between developing and industrialised countries. (10 marks)
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- b) Discuss ICTs support for economic divergence between developing and industrialised countries. (10 marks)

QUESTION 3

- a) State the various assessment frameworks that can be used for ICT4D projects (10 marks)
- b) Discuss one of the assessment frameworks that can be used for ICT4D projects. (10 marks)

QUESTION 4

- c) Describe the major ethical issues related to information technology and identify situations in which they occur. (10 marks)
- a) Discuss how ICTs can support better lives for the Poor. (10 marks)

QUESTION 5

- a) Discuss the convergence in thinking among various institutional domains of development about the indispensability of inclusive capitalism approaches to bring about socioeconomic development through ICTs. (10 marks)
- b) Discuss the potential of ICTs to impact development and the failures of ICT projects for development. (10 marks)

End of Exam