Scott Christian UNIVERSITY

SCHOOL OF PROFESSIONAL STUDIES

DIPLOMA IN COMMUNITY DEVELOPMENT

UNIT CODE/NAME: DCD 165: TECHNOLOGY IN COMMUNITY DEVELOPMENT

September- December 2019/2020 End Semester Exam - Time: 2 Hours

Instructions: Answer Question ONE (Compulsory) and any other TWO questions.

QUESTION ONE

a) State four characteristics of community development **(4 Marks)**
b) Highlight **any** four possible technological solutions to climate change **(8 Marks)**
c) Mention **three** technology receptivity inputs **(6 Marks)**
d) State **five** benefits of technology and networking **(5 Marks)**
e) Outline **five** key elements technology transfer framework defines for effective actions **(5 Marks)**
f) Define sustainable development **(2 Marks)**

QUESTION TWO

You are appointed as a community development agent in Machakos County.
a) Explain the role of ICT (Information Communication Technology) in your work **(10 Marks)**
b) State policy trust areas you would suggest on capacity building on ICT **(5 Marks)**

QUESTION THREE

a) Explain the framework you would use when promoting at technology to make it receptive **(10 Marks)**
b) Explain the role of human resource development in technology transfer **(5 Marks)**

QUESTION FOUR

a) Explain five technological adaptive measures by man to climate change **(10 Marks)**
b) Describe the **"market"** as a technological change barrier **(5 Marks)**

QUESTION FIVE

a) Describe five key requirements for technology receptivity **(10 Marks)**
b) Elucidate how energy efficient technologies can be achieved globally **(5 Marks)**