



**AFRICA  
UNIVERSITY**

*(A United Methodist-Related Institution)*

***"Investing in Africa's Future"***

**COLLEGE OF BUSINESS, PEACE, LEADERSHIP &  
GOVERNANCE**

**COURSE CODE : CISS201**  
**COURSE TITLE : COMPUTER AND SOCIETY**  
**1st SEMESTER : FINAL EXAMINATION NOV 2018**  
**LECTURER : MR J. CHINZVENDE**  
**TIME : 3 HOURS**

---

***INSTRUCTIONS***

Answer questions instructed in each section

---

Start **each** question on a new page.

---

The marks allocated to **each** question are shown at the end of the section.

---

**Answer all Question in Section A and any Three(3) from Section B**

---

Credit will be awarded for logical, systematic and neat presentations.



## Section A [40 marks]

1. Define the following terms as they are used in Computers and Society
  - a. Freeware
  - b. Shareware
  - c. Byte
  - d. Extranet
  - e. Open Source Software[05]
2. What is the Influence of the Information Technology on the Society today on:
  - a. Games
  - b. Travel
  - c. Business
  - d. Research
  - e. Healthy Sector[05]
3. What is Ergonomics? [05]
  - a. The following table identifies how specific aspects of our environment can be organised to create the right ergonomic conditions for a safer learning environment. Copy and complete the rest of the items on the table

	Environment	Health and safety considerations	Ergonomic Recommendations
1	VDU (visual display unit)  <b>Example</b>	<i>Avoid discomfort caused by reflective glare and eyestrain</i>	<i>Take adequate breaks regularly</i> <ul style="list-style-type: none"><li>• <i>Adjust contrast and brightness</i></li><li>• <i>Use an anti-glare screen with older monitors</i></li></ul>
2	Keyboards		
3	Chair		
4	Light		
5	Ear Phones(noise)		
	Electricity		

- [10]
4. Describe each of the following terms as they are used in computer crimes
    - a. Data diddling
    - b. Salami slicing
    - c. Hacking
    - d. Cloning
    - e. Carding[05]
  5. Describe the possible strategies that an organisation can use to prevent computer crimes [10]



**Section B Answer any three(3)** **[60 marks]**

6. Discuss the societal impact of computers, including some benefits and risks related to their prominence in our society. [20]
7. What are the essential characteristics of SMART Environment and what are the technological trends that makes the smart environment possible? [20]
8. What are the challenges associated with disposal of ICT related equipment? How can there challenges be reduced? [20]
9. Discuss the major problems faced by African Country today and explain how technology can be used to solve some of the problems [20]

End