ALUPE UNIVERSITY COLLEGE

...Bastion of Knowledge...

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OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, STUDENT AFFAIRS AND RESEARCH

UNIVERSITY EXAMINATIONS

2020 /2021 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER REGULAR EXAMINATION

FOR THE DEGREE OF BACHELOR OF SCIENCE (COMPUTER SCIENCE)

COURSE CODE: **COM 222**

COURSE TITLE: **INTERNET APPLICATIONS**

DATE: 21/07/2021 **TIME: 0800 – 1100 HRS**

INSTRUCTION TO CANDIDATES

- **SEE INSIDE**

THIS PAPER CONSISTS OF 3 PRINTED PAGES **PLEASE TURN OVER**

REGULAR-SPECIAL EXAM

COM 222 INTERNET APPLICATIONS

STREAM: COM   **DURATION: 3 Hours**

INSTRUCTION TO CANDIDATES
Answer **ALL** questions from section A and any **THREE** from section B.

SECTION A [24 MARKS]. ANSWER ALL QUESTIONS.

QUESTION ONE [12 Marks]

a) Define the following terms.   [2 Marks]
   i.   Internet
   ii. Internet Applications
b) Describe services provided by internet applications.   [6 Marks]
c) Give four examples of internet applications.   [4 Marks]

QUESTION TWO [12 Marks]

a) Define the following terms.   [4 Marks]
   i) Protocol
   ii) Gopher
b) Discuss the general functioning of the following protocols.   [8 Marks]
   i) FTP
   ii) Telnet

SECTION B [36 MARKS] ANSWER ANY THREE QUESTIONS.

QUESTION THREE [12 Marks]

a) Explain the uses of Telnet in computing field.   [6 Marks]
b) Discuss four commands that telnet provides.   [4 Marks]
c) Write a telnet command to connect to a remote computer using telnet. [2 Marks]

QUESTION FOUR [12 Marks]

a) Explain how anonymous FTP works.   [4 Marks]
b) Using an example, explain how you can connect to FTP server.   [4 Marks]
c) Discuss objectives of FTP.   [4 Marks]

QUESTION FIVE [12 Marks]

a) What is an e-mail?   [2 Marks]
b) Discuss major advantages of using e-mails as medium of communication.   [6 Marks]
c) Explain how e-mail operates.   [4 Marks]

QUESTION SIX [12 Marks]

a) Define the following terms.   [4 Marks]
     i)   HTML
     ii) JavaScript
b) Discuss how applications of HTML.   [4 Marks]
c) Give the structure of an HTML page.   [4 Marks]