ONLINE ACTIVITY – 01

See Page 27 of Book: Principles of Communication by Frenzel

1. EXPLORING TELECOMMUNICATION REGULATION IN DIFFERENT COUNTRIES

1.1 OBJECTIVE:

To enable the student to become familiar with international, national policy and regulatory organizations in telecommunications and broadcasting.

1.2 PROCEDURE:

1. Go to the following websites: *www.ca.go.ke*, *www.fcc.gov*, **Ofcom.org.uk, itu.int and iana.org**
2. Explore the websites.

3. Go to the National Communications Secretariat website at *www.ncs.go.ke* and **www.ntia.gov**

4. Go to www.icann.org and click on *Get started>ICANN for beginners*

5. Explore the websites.

6. Use these websites and their search feature to answer the questions below.

1.3 QUESTIONS:

1. What is the function of NTIA?

2. What is the main function of NCS?

3. State THREE functions of the International Telecommunications Union, ITU.

4. What are the similarities and differences in the services offered by FCC, OFCOM and CA?

5. To whom does the Communications Authority report within the Kenya government?
6. To whom does the National Communications Secretariat report within the Kenya government?

7. What are the functions of IANA?

8. What is NTIA's role in the operation of the Internet?

9. What is the relationship between the Internet Corporation for Assigned Names and Numbers (ICANN) and IANA?

(9 X 2 marks = 18 Marks)

2. EXAMINING COMMUNICATIONS AUTHORITY (CA) LICENSES & RULES AND REGULATIONS

2.1 OBJECTIVE:

To investigate licensing procedures.

2.2 PROCEDURE

1. Go to the CA website *www.ca.go.ke*

2. Click on *Licensing > Licensing Overview*

3. Study the different parts.

4. Click on *Licensing > Licensee Register*

5. Click on *Licensing > Regulatory Sandbox*

5. Use the above references to answer the questions below.

2.3 QUESTIONS:

Broadcasting

2. Name and briefly discuss THREE types of broadcasting licences issued by CA.

3. How many TV stations were licensed in Kenya by July 2024?

4. How many FM stations were licensed in Kenya by July 2024?

5. What does STATION ID represent in broadcasting licensee table?

Telecommunications

6. Name and discuss THREE types of international telecommunication licences.

7. State TWO frequency bands allocated to mobile service providers in Kenya

Internet

8. What is the Domain Name System?

9. What are the related root zone management functions?

10. Who performs the related root zone management functions?

11. What is regulatory sandbox? Name and describe THREE services offered under regulatory sandbox in Kenya.

(11 x 2 = 22 marks)

3. EXAMINING COMMUNICATIONS AUTHORITY (CA) UNIVERSAL ACCESS

3.1 OBJECTIVE:

To investigate the coverage of telecommunication and broadcasting services in Kenya.

3.2 PROCEDURE

1. Go to the CA website *www.ca.go.ke*

2. Click on *Universal Access> ICT Services Coverage Geo-Portal > Public Users Link*

3. Study the different parts.

3.3 QUESTIONS:

Broadcasting

1. Write down the parameters used to describe a digital television broadcasting site.

2. Write a brief note on radio coverage in Kenya.