**SS3 BASIC ELECTFRONICS HOME PRACTICE QUESTIONS**

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| WEEK | TOPICS | CONTENTS | BEHAVIOURAL | PRACTICE QUESTION |
| 1 | SATELLITES | * Explain concept of satellite communication. * Explain principles of transmission and reception system. | By the ends of the lesson students should be able to  i) Explain concept of satellite communication.  ii) Explain principles of transmission and reception system. | 1. Define satellite communication.  2. Explain the concept of satellite communication.  3. Explain the principles transmission.  4. Explain the principles of reception system. |
| 2 | SATELLITES | * Explain the principles of operation of: Dish/LNB, Frequency charger, Video crystal decoder, MPU and Audio section. * Explain types of satellite dish and LBN | By the ends of the lesson students should be able to  i) Explain the principles of operation of: Dish/LNB, Frequency charger, Video crystal decoder, MPU and Audio section.  ii)Explain types of satellite dish and LBN | 1. Explain the principles operation of Dish/LND  2. Explain the principles operation of Frequency charger.  3. Explain the principles operation of Video crystal decoder.  Explain types of satellite Dish and LBN. |
| 3 | ICTS | * Explain the operations of telephone. * Explain the operations of internet system.   Explain the operations of Global system mobile(GSM) | By the ends of the lesson students should be able to  i) Explain the operations of telephone.  ii) Explain the operations of internet system.  ii) Explain the operations of Global system mobile(GSM) | 1. Define Telephone  2. Explain the operations of telephone.  3. Explain the operations of internet system. 4.Explain the operations of Global system mobile(GSM) |
| 4 | CONTROL CIRCUITS | * Explain the concept of control circuits. * State types of control circuits   Explain principles of operation of control circuits. | By the ends of the lesson students should be able to | 1.Define Control Circuits  2. Explain the concept of control circuits.  3.State types of control circuits  4. Explain principles of operation of control circuits. |