



4. a) With an aid of a well labelled diagram explain the function of each parts of underground cable (15 marks)
- b) Draw the following electrical devices (5 marks)
- One-way switch
- Consumer control unit
- Two-way switch
5. a) Briefly explain the THREE factors to consider when selecting a cable (9 marks)
- b) Calculate the permissible voltage drop in intake point supplied by 415V (4 marks)
- c) Calculate the power in a line supplied with 240V (3 marks)
- d) For C above calculate the resistance (4 marks)