

Question 14

- (a) With the aid of labelled sketches differentiate between common emitter and common collector transistor configurations. (6 marks)
- (b) Compare the characteristics of the configuration in (a) above in terms of:
- (i) current gain
 - (ii) voltage gain
 - (iii) input impedance
- (6 marks)

In this question, candidates were required to illustrate the difference between common collector transistor and also point out their differences with respect to current gain, voltage gain and input impedance.

Weaknesses

Most of the candidates who attempted this question had only a vague idea of the difference between the two transistors but could not show accurately in a diagram the actual difference in configuration between common collector and common emitter transistors.

Expected response

(a)

