

- In Question 8(a)(i), candidates were given tools, materials and equipment to carry out backlash measurement on a differential unit. Most candidates were unable to carry out the backlash measurements using the given tools.

### **21.3 ADVICE TO TEACHERS**

Teachers should ensure that their candidates have acquired the necessary skills and working habits. Apparently, most candidates have vague ideas of how to carry out various operations but very few have attained the desired mastery of practical skills to apply them confidently. For instance, most of the candidates seemed to know what backlash is in a differential unit but there was hardly any who could set up the dial gauge to measure the backlash. Similarly, many candidates were able to handle measuring tools like micrometer and vernier caliper but hardly any were able to measure accurately using those precision measuring tools.

Candidates should be exposed to all practical skills stipulated in the syllabus and teachers should ensure that the students get adequate guidance and practice in order to enhance the desired skills. Candidates should learn to apply the theoretical concepts they have learnt to real life situations in order to produce measurable results.