

# **GEOMETRICAL AND MECHANICAL/BUILDING DRAWING**

**SUBJECT 9196 – JUNE 2011**

## **PAPER 4**

### **GENERAL COMMENTS**

Most candidates presented folders/folios that were neatly covered and labelled. Presentation of work inside the folders was, again, of a high standard with clearly labelled stages of development and research. Each chapter was clearly marked and all pages labelled accordingly.

### **BUILDING OPTION (B)**

About 50% of the candidates attempted this option. It is clear that this option is well presented where candidates choose to illustrate their research findings by way of Computer Aided Drawings. Many candidates are making good use of the internet which is giving them abundant information. Care should, however, be taken in not to over emphasizing on internet research alone. Candidates must be encouraged to use other methods of research like industrial visits, magazines, photographs, etc. they should also acknowledge sources of information for every piece of information used. Use of CAD in producing drawings should be well monitored by teachers for perfect work production. Supervisors/teachers must ensure that candidates produce all their drawings according to standing Building By-Laws of Zimbabwe.

### **ENGINEERING OPTION (A)**

Almost 50% of the candidates attempted this option. Candidates made relevant researches and went on to make appropriate possible solutions. However, on chosen solution and its development, not all candidates produced new ideas or their own designs. There was a tendency to simply reproducing chairs that are in existence. The idea of designing was not clearly shown in most projects. The drawings produced for working drawings lacked depth knowledge of engineering drawing standards. Candidates are encouraged to always adhere to BS308 standards in producing these engineering drawings.