ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

General Certificate of Education Advanced Level

AGRICULTURA ENGINEERING 6048/3

PAPER 3 Practical Test

SPECIMEN PAPER

24 HOURS ADVANCE INSTRUCTIONS TO SUPERVISORS

Do **not** divulge these instructions to both the candidates and unauthorised persons either directly or indirectly.

Do **not** open the envelope containing the examination papers before the time of commencement of the examination.

These Instructions consist of 2 printed pages.

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Question 1

Teacher / supervisor to collect soil samples which are finely ground.

50 ml sandy soil labelled **AE1 per candidate,**

50 ml loam soil labelled **AE2 per candidate,**

50 ml clay soil labelled **AE3 per candidate,**

3 funnels **per candidate,**

3 measuring cylinders **per candidate,**

200 ml distilled water **per candidate.**

Question 2 & 3

Car battery labelled **AE4**,

Multimeter,

Teacher or supervisor to set up the system as shown in **Fig.1** and label the following parts on the set up as follows:

12 volt battery, labelled **AE5**,

Ammeter, labelled **AE6**,

Regulator labelled **AE7**,

Ignition switch, labelled **AE8**,

Alternator, labelled **AE9**.

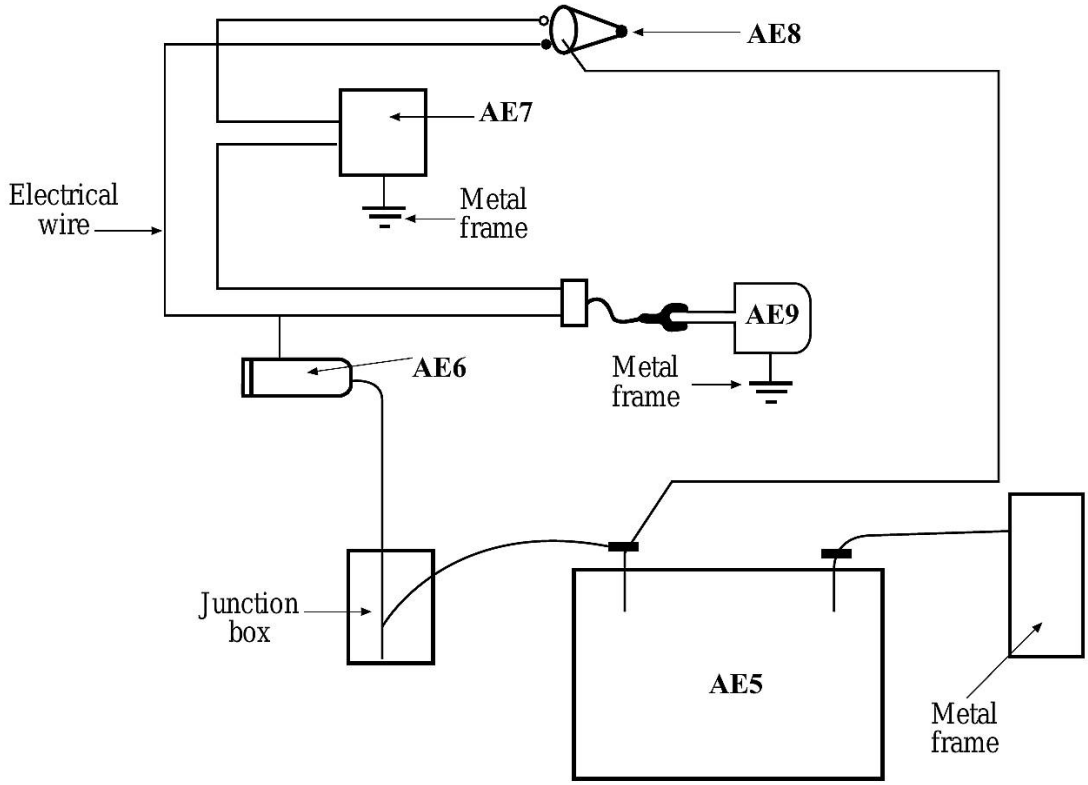

AE8
AE7
Electrical wire
Metal frame
AE9
AE6
Metal frame
Junction box
AE5
Metal frame

Fig. 1

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