T670(E)(J29)T AUGUST 2004

NATIONAL CERTIFICATE

ELECTRO-TECHNOLOGY N3

(11040343)

29 July (X-Paper) 09:00 - 12:00



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NATIONAL CERTIFICATE ELECTRO-TECHNOLOGY N3 TIME: 3 HOURS MARKS: 100

Answer ALL the questions.

INSTRUCTIONS

- Full marks can be obtained by answering questions to the value of 100 marks.
- Make sure to substitute the correct value for the correct symbol and to copy the correct information from the question paper.
- Number the answers clearly, correctly and keep the subsections of questions together, for example QUESTION I.1, 1.2 et cetera. Suie off on completion of each question.
- A. ALL the sketches and/or diagrams must be done in pencil. The sketches must be nest, reasonably large and fully labeled.
- Untidy and Registe work will be strictly penaltied.
- Califulate the answers to TroffEE decimal numbers after the comma, for example 3,142.
- Use the corect units for answers.

Formula sheets are attached.

QUESTION 1

- 1.1 Name TWO methods which sould be used to wind the armsture of a directcurrent machine and its application.
- 1.2 Briefly explain the larm pole pilon.

1.3 Name FOUR methods which could be used to minimise the effects of armetize reaction.

100

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