QUEBEC APPLIED SCIENCE AND TECHNOLOGY, SECONDARY IV · UNIT D · 5 QUESTIONS

Technological World - Mechanical Engineering: Linking, Guiding, Materials and Manufacturing — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Anatomical model of the human eye on a small stand, cross-section showing lens, retina and optic nerve, on a plain white surface, large in frame, no people. A force of 240 newtons acts on a cross section of area 6 square centimetres. The stress, in newtons per square centimetre, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A workshop makes 3 parts per hour for 6 hours. The number of parts made is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Bakelite is an example of a**

A thermosetting plastic

B thermoplastic

C ceramic

D glass

Understand It with Pulse | Flag a mistake

4 **Bending a sheet changes its shape without removing**

A colour

B weight only

C temperature

D material

Understand It with Pulse | Flag a mistake

5 **A force of 150 newtons acts on a cross section of area 5 cm². The stress, in newtons per cm², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 40
2. 18
3. A
4. D
5. 30

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