Kuwait Society Of Engineers

2018

Mechanical Engineering

Examination
Coverage of the Mechanical Engineering Exam

The Mechanical Engineering exam questions will cover the following disciplines:

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Sample Questions of the Mechanical Engineering Exam

Q1. Velocity is always______ to the path:
   A. Tangent (correct answer – Low)
   B. Perpendicular
   C. At an angle 45 from the horizontal
   D. None of the answers

Q2. Consider the plane truss shown. The zero force member is:
   A. Member AB
   B. Member BC
   C. Member BD (correct answer – Low)
   D. No zero force member

Q3. In order for a system to be in thermal equilibrium, which of the following properties must be the same throughout the system?
   A. Volume
   B. Temperature (correct answer – Low)
   C. Mass
   D. Pressure

Q4. The pressure drop in a pipe is greater if the flow is ____.
   A. There is no effect on pressure
   B. Turbulent (correct answer – Low)
   C. Laminar
   D. Transient
Recommended References for the Mechanical Engineering Exam

The following references are suggested for the Mechanical Engineering Exam.


10. Cengel, Y. and M. Boles, “Thermodynamics”, 8th edition,
