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A designer chooses the values of fluid flow rates and specific heats in such a manner that the heat capacities of the two fluids are equal. A hot fluid enters the counter flow heat exchanger at  $100^{\circ}\text{C}$  and leaves at  $60^{\circ}\text{C}$ . A cold fluid enters the heat exchanger at  $40^{\circ}\text{C}$ . The mean temperature difference between the two fluids is (A)  $20^{\circ}\text{C}$  (B)  $40^{\circ}\text{C}$

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Answers - Mechanical Engineering 1)  
Which of the following material has least thermal conductivity at room temperature ? a) Human Skin b) Urethane c) Wood d) Brick 2)Heat transfer from one place to another takes place through a) conduction b) convection c) radiation d) all of above 3) Thermal ... Read more Heat & Mass Transfer MCQ Questions Answers ...

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