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1. William D Callister "Material Science and Engineering", John Wiley and Sons 1997. 2. Raghavan.V "Materials Science and Engineering", Prentice Hall of India Pvt., Ltd., 1999. 3. Sydney H. Avner "Introduction to Physical Metallurgy" McGraw Hill Book Company, 1994.

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Sub Code/Name: ME1253-Engineering Materials &Metallurgy Kings College of Engineering/ Engineering materials and metallurgy /Question Bank Page 2 5. (1) Elements A & B melt at 7000° C and 10000° C respectively. Draw a typical isomorphous phase diagram between the elements A & B. (2) Elements A & B melt at 7000° C & 10000° C respectively.

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Metallurgical and Materials Engineering

divided into process metallurgy (production metallurgy, extractive metallurgy) and physical metallurgy. Metal processing is a part of process metallurgy and the mechanical behaviour of metals, a part of physical metallurgy. The emergence of material science and engineering is the result of developments that have occurred through the years. The

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Undergraduate Program - Metallurgical and Materials

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Heat Treatment - Harry Bhadeshia

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