

1 of 2

(04 Marks)



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15ME32

(04 Marks)

(05 Marks)

(04 Marks)

OR

| 8 | a. V | What are Plastics? List processing of thermoplastics and explain any one method. | (07 Marks) |
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| | 1. | | |

- b. Explain in brief the selection of engineering materials. (05 Marks) (04 Marks)
- c. Explain NDT method for Residual life assessment.

Module_5

- a. Define Composite Materials. List their classification based on matrix and reinforced 9 constituents. (07 Marks) (05 Marks)
 - b. Differentiate between thermoset and thermoplastic materials.
 - c. Write a note on Metal Matrix Materials.

OR

- 10 a. List and explain various fibers used in preparation of composite materials. (07 Marks)
 - b. Explain Powder metallurgy technique of production of composite materials.

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c. With neat sketch, explain Squeeze casting.

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