

MELVISHARAM - 632 509.

SEMESTER EXAMINATIONS, NOVEMBER - 2018

SEMESTER V

U15EPH501 - MATERIAL SCIENCE (ELECTIVE - I)

Maximum: 75 Marks

Answer **ALL** Questions.

6. List out the magnetic properties of Nano material.
7. What is Nano phase material?
8. Mention the types of carbon Nano Tube.
9. What you mean by biomaterial?
10. What are Cermets?

Answer ALL Questions.

- b) Explain sol gel technique with a neat sketch.

- (Or)

- (Or)

14. a) Describe the plasma arcing synthesis.

- (Or)

15. a) What are Metallic glasses? Explain.

- (Or)

- SECTION - C (3 X10 = 30 Marks)

Answer ANY THREE Questions.

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