

MSC CHEMISTRY
SEMESTER-III
Course: Chemistry of Inorganic material (Elective –I)

Note:-attempt all questions.

Que1. What in detail? Write types of defects.

Que2. Write method of determination of defects.

Que3. (1) Explain following:-

- (a) Ceramic technique of synthesis of inorganic material
- (b) Sol-gel techniques
- (c) Precursor techniques

Que4. What are ionic conductor? Write types of ionic conductor.

Que5. Explain organic semiconductor.

Que6. Write structure and properties of metal and alloys.

Que7. What in magnetization? Write its application.

Que8. What in Nanotechnology? Write its applications.

Que9. Explain following:-

- (a) Nanofoam
- (b) Nanoclusters

Que.10 Write manufacturing techniques of nanomaterial.