

## **UNIT 1 – METAL CASTING PROCESS**

### **PART – A (2 Marks)**

1. Define casting.
2. Define mould.
3. Define pattern.
4. Name any two pattern materials
5. Give any two types of pattern
6. Define pattern allowances.
7. What are the requirements of core sand?
8. What is gating?
9. What are the different types of core?
10. What are the properties of moulding sand?
11. What are the different types of moulding sand?
12. Write down the ingredients of moulding sand?
13. What are the different types of moulding processes?
14. Write down the different types of furnaces used for casting.
15. Write down the different zones in cupola furnace.
16. What is Centrifugal casting?
17. Define Lost wax Pattern?
18. Give the advantages of green sand mould.
19. Mention the merits and Demerits of investment casting.
20. What are the different types of defects found in casting process?