QUESTION BANK (Unit Test 1)(312313)

Chapter 1:-Fundamental Of Lathe And Drilling Machines

1. Explain thread cutting operation on lathe machine . (CO1) (2M)
2. Write classification of different types of drilling machines (CO1) (2M)
3. Describe reaming and spot facing operations on drilling machines. (CO1) (4M)
4. State different parts of carriage. (CO1) (4M)
5. Draw nomenclature of single point cutting tool (CO1) (4M)
6. What is cutting speed and feed in case of lathe machine(CO1) (4M)
7. Draw neat sketch of radial drilling machine. (CO1) (4M)
8. State functions of following parts of lathe machine 1) Chuck 2) Carrige 3) Tool post 4) Tail stock. (CO1) (4M)
9. Define taper. (CO1) (2M)
10. List the various taper turning methods. (CO1) (2M)
11. explain the working principle of any one taper turning method with neat sketch. (CO1) (4M)
12. State the various operations perform on the lathe. Explain any two in brief. (CO1) (4M)
13. Explain the factor influencing the rake angle of the single point cutting tool. (CO1) (4M)
14. What is knurling operation and why it is performed? (CO1) (2M)
15. Explain taper angle calculation with neat sketch. (CO1) (4M)
16. State the four methods of taper turning on the lathe. (CO1) (4M)
17. Explain the term tool signature related to lathe machine. (CO1) (4M)
18. Explain with neat sketch following lathe operations(1) Turning (2) facing (CO1) (4M)

Chapter 2) Milling Machine

1. Explain down milling with neat sketch. (C02)(4M)
2. Explain working principal of Milling machine with neat sketch. (C02)(4M)
3. State classification of milling machine. (C02)(2M)
4. Explain with neat fig Gang milling operation. (C02)(4M)

5. Give classification of milling cutter. (C02)(4M)
6. Classify Indexing methods. (C02)(2M)
7. State function of universal dividing head. (C02)(2M)
8. State difference between up milling and down milling. (C02)(4M)
9. State basic parts of column and knee type milling machine , State function of each part. (C02)(4M)
10. State working principal of milling. (C02)(2M)