

Question Bank (G scheme)

Name of subject: **ADVANCED MANUFACTURING PROCESSES** Unit Test :I

Subject code: 17527

Course : ME

Semester: V

3&4 Marks Questions

- 1) Explain with neat Fig. Principle working of EDM machine.
- 2) Explain with neat Fig. Principle working of ECM machine.
- 3) Explain with neat Fig. Principle working of WEDM machine.
- 4) Explain with neat Fig. Principle working of LBM machine.
- 5) Explain with neat Fig. Setup of EDM machine.
- 6) Explain with neat Fig. Setup of ECM machine.
- 7) Explain with neat Fig. Setup of WEDM machine.
- 8) Explain with neat Fig. Setup of LBM machine.
- 9) Explain process parameter & output characteristics of EDM machine.
- 10) Write difference between Traditional & Non-Traditional Machining processes.
- 11) Write Advantages Disadvantages & Application of EDM Machine.
- 12) Explain process parameter & output characteristics of LBM machine.
- 13) Write Advantages Disadvantages & Application of WEDM Machine.
- 14) Write Advantages Disadvantages & Application of LBM Machine.
- 15) Write Advantages Disadvantages & Application of ECM Machine.
- 16) Explain Physical principle of laser with neat sketch.
- 17) Write need and characteristics of CNC.
- 18) Write any four points on difference between NC & CNC.
- 19) State characteristics of dielectric fluid .
- 20) Explain with neat Fig. Principle working of AJM machine.
- 21) Write meaning of following G & M Codes.
 - 1) G21 2) G94 3) G04 4) G03 5) M08 6) M03 7) M30 8) M06
- 22) State characteristics of electrolyte.
- 23) Explain Laser action in ruby crystal rod.
- 24) Explain with neat Fig. Principle working of USM machine.
- 25) Explain with neat Fig. Principle working of EBM machine.
- 26) Explain with neat Fig. Principle working of WJM machine.