

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No

ME-702(A)-CBGS

B.Tech., VII Semester

Examination, December 2020

Choice Based Grading System (CBGS)

Advance Machining Processes

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) List any four applications of 'Wire cut discharge Machining'. 7
b) Name the axis of CNC machines. 7
2. a) State the advantages of Electro Chemical Machining. 7
b) State the functions of Surface finishing processes. 7
3. a) Differentiate between EDM and ECM. 7
b) Explain Absolute coordinate system In brief. 7
4. a) Explain with neat sketch the magnetic work holding Device in CNC machines. 7
b) Name different ATC devices used in CNC machines. 7
5. a) Draw the layout of 'Electro Discharge Machining Process? 7
b) Differentiate between absolute and incremental coordinate system. 7

ME-702(A)-CBGS

PTO

[2]

6. a) Enlist safety procedures to be followed while working on CNC. 7
b) Explain with neat sketch 'Abrasive Jet Machining. 7
7. a) Classify CNC machines. 7
b) Principles and working of 3D printing. 7
8. a) Write down the industrial applications, micro fabrication processes. 7
b) Write short notes on Nano fabrication. 7

ME-702(A)-CBGS