Part-A	
All the following questions carry equal marks	**(10x2M=20 Marks)**
1	Write any two advantages of non-traditional machining process
2	Define modern machining processes
3	Write any two applications of electrochemical machining process
4	Define the term electrochemical grinding
5	Write any two names of die electric fluid in EDM
6	Define the term Surface finish
7	Define the term electrolyte
8	Write any two industrial Applications of PAM
9	Write the applications of MASKANT
10	Write any two points while selection of tool in EDM
Part-B	
Answer **ANY FIVE QUESTIONS(10MX 5=50Marks)**	
11	Explain the working principle of Ultrasonic machining process with neat sketch
	OR
12	Briefly explain the need for non-traditional machining methods
13	Explain the working principle of Electro Chemical Processes with neat sketch
	OR
14	Explain the working principle of Abrasive water Jet Machine with neat sketch
15	Explain Working principle of EDM Grinding machining with neat sketch
	OR
16	Explain working principle of Wire cut EDM with neat sketch
17	Explain the working principle of LBM with neat sketch
	OR
18	Explain the elements of EBM with neat sketch
19	Write the advantages, disadvantages and applications of PAM
	OR
20	Write the advantages, disadvantages and applications of PAM

Part-A	
All the following questions carry equal marks	**(10x2M=20 Marks)**

1	Define non-traditional machining process
2	Write any two application of non-traditional machining process
3	Define the term electrochemical grinding
4	Define the term deburring
5	Write the applications of EDM
6	Write any two names of die electric fluid in EDM
7	Define the term accuracy
8	Define the term electrolyte
9	Write the applications of MASKANT
10	Write the applications of Abrasive flow finishing
Part-B	
Answer **ANY FIVE QUESTIONS(10MX 5=50Marks)**	
11	Briefly explain the need for non-traditional machining methods
	OR
12	Explain the working principle of Ultrasonic machining process with neat sketch
13	Explain the application, advantages, disadvantages and limitations of Abrasive Jet Machine
	OR
14	Explain the working principle of electrochemical grinding with neat sketch
15	Explain working principle of Wire cut EDM with neat sketch
	OR
16	Write advantages, disadvantages and applications of EDM
17	Write the advantages, disadvantages, applications and limitations of laser beam machining
	OR
18	Write the advantages, disadvantages, applications and limitations of laser beam machining
19	Explain with neat diagram of shaped tube electrolyte machining
	OR
20	Briefly explain about maskants and its applications in

PART-A

All the following questions carry equal marks	**(10x2M=20 Marks)**
1	Define non-traditional machining process
2	Write any two advantages of non-traditional machining process
3	Define the term MRR
4	Define the term deburring
5	Write any two points while selection of tool in EDM
6	Write any two names of abrasives in EDM Grinding machining
7	Write any two industrial Applications of PAM
8	Define the term Surface finish
9	Define the term MASKANT
10	Write any two Applications of Electric stream drilling

Part-B

Answer **ANY FIVE QUESTIONS(10MX5 =50Marks)**	
11	Explain the Classification of modern machining processes
	OR
12	Explain the elements of Ultrasonic machining process with neat sketch
13	Explain the working principle of Abrasive water Jet Machine with neat sketch
	OR
14	Explain the working principle of Electro Chemical Processes with neat sketch
15	Explain Working principle of EDM with neat sketch
	OR
16	Explain Working principle of EDM with neat sketch Explain
17	Explain the theory of electron beam machining with neat sketch

	OR
18	Explain the working principle of LBM with neat sketch
19	Explain working principle of PAM with neat sketch
	OR
20	ECM Explain with neat diagram of shaped tube electrolyte machining

Part-A

All the following questions carry equal marks (10x2M=20 Marks)

1	Define modern machining processes
2	Define non-traditional machining process
3	Define the term deburring
4	Write any two applications of electrochemical machining process
5	Write any two names of abrasives in EDM Grinding machining
6	Write the applications of EDM
7	Define the term accuracy
8	Write the applications of Abrasive flow finishing
9	Define the term MASKANT
10	Write any two Applications of Electric stream drilling

Part-B

Answer **ANY FIVE QUESTIONS(10MX5 =50Marks)**

11	Explain the elements of Ultrasonic machining process with neat sketch
	OR
12	Explain the Classification of modern machining processes
13	Explain the working principle of electrochemical grinding with neat sketch

	OR
14	Explain the application, advantages, disadvantages and limitations of Abrasive Jet Machine
15	Write advantages, disadvantages and applications of EDM
	OR
16	Working principle of EDM Grinding machining with neat sketch
17	Explain the elements of EBM with neat sketch
	OR
18	Explain the theory of electron beam machining with neat sketch
19	Briefly explain about maskants and its applications in ECM
	OR
20	Explain working principle of PAM with neat sketch