2.26 State the function of dielectric fluids use in EDM process. (CO-07)	No. of Printed Pages : 4 Roll No
process. (EO-07) Q.27 Define wire gun method of metal spraying with	/121753/31753
the help of neat sketch. (CO-08)	Sem. / Mechanical
Q.28 Define electro plating with the help of neat	Subject : Workshop Tech III
sketch. (CO-08)	Time : 3 Hrs. M.M. : 100 •
2.29 What is buffing process. Give purpose and	SECTION-A
application of buffing process. (CO-09)	Note: Multiple choice Questions. All questions are
2.30 What is lapping process. Gives types of lapping	compulsory (10x1=10) (Course Outcome/CO)
operation. (CO-09)	Q.1 Milling cutter is a (CO-02)
Q.31 Define different type of honing. (CO-09)	a) Single point Cutting tool
Q.32 Define different material used for milling cutter.	b) Multi point cutting tool
(CO-02)	c) Single bit cutting tool
Q.33 What is gear grinding. (CO-04)	d) None of the above
Q.34 Define PAM. (CO-07)	Q.2 Gang milling is . (CO-02)
Q.35 Write the properties of enamels. (CO-08)	a) Process of cutting gearsb) Process in which two more cutter are
SECTION-D	b) Process in which two more cutter are used simultancously
Note: Long answer type questions. Attempt any two out of three questions. (2x10=20)	c) Milling process for generating hexagonal surface
Q.36 Explain classification of milling machine with	d) None of the above
neat sketch. (CO-02)	Q3 Which of the following is not a gear finishing
Q37 Explain the followings: (CO-04)	process. (CO-06)
a) Centreless grinding b) Surface grinding	a) Lapping b) Gear shaving
Q 38 Explain the followings with neat sketches.	c) Gear hobbing d) Gear grinding
a) USM b) LBM (CO-07).	Q.4 Abresive slurry in ultrasonic machine is(CO-07)
(Note: Course outcome/CO is for office use only)	a) Water basedb) Mercury basedc) Alcohol basedd) Oil based
(5160)	
(5160) (4) 181753/171753 /121753/31753	(1) 181753/171753 /121753/31753
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a) Electroplating b) Cementation c) Metal cladding d) Galvanising Q.7 Which of the following is a surface finishing operation? a) Drilling b) Honing c) Milling d) Turning Q.8 Most cylindrical grinding include a to allow the forming of tapered piece. a) Grinding dog b) Swivel c) Contor driver		
a) Grinding dog b) Swivel c) Center driver d) None of the above Q.9 For honing ceramics, Which of the following abrasives is used? a) silicon carbide b) Aluminium oxide c) Diamond d) None of the above Q.10 Which of the following is a dielectric fluid? SECTION-C Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60) Q.21 Compare a milling machine with an engine lathe. (CO-02) Q.22 Define tool holding device with sketches. (CO-02) Q.23 Define the process of gear hobbing. (CO-06) Q.24 Define mounting of grinding wheel. (CO-04)	machining is given by. a) Faraday b) Newton c) Fleming d) None of the above Q.6 The process of providing a thin layer of zinc coating on iron and steel is called. (CO-08) a) Electroplating b) Cementation c) Metal cladding d) Galvanising Q.7 Which of the following is a surface finishing operation? (CO-09) a) Drilling b) Honing c) Milling d) Turning Q.8 Most cylindrical grinding include a to allow	Note: Objective type questions. All questions are compulsory. (10x1=10) Q.11 Give the name of two milling method. (CO-02) Q.12 What are limitation of a milling machine(CO-02) Q.13 Define form milling. (CO-02) Q.14 Write the advantage of gear shaping. (CO-06) Q.15 Name of different type of gear. (CO-06) Q.16 What is the material of gear. (CO-06) Q.17 What is thread grinding. (CO-04) Q.18 What is glazing. (CO-04) Q.19 Write full form of laser. (CO-07)
Por honing ceramics, Which of the following abrasives is used? a) silicon carbide b) Aluminium oxide c) Diamond d) None of the above Q.10 Which of the following is a dielectric fluid? Q.21 Compare a milling machine with an engine (CO-02) Q.22 Define tool holding device with sketches. (CO-02) Q.23 Define the process of gear hobbing. (CO-06) Q.24 Define mounting of grinding wheel. (CO-04)	b) Swivel c) Center driver	SECTION-C Note: Short answer type questions. Attempt any twelve questions out of fifteen questions.
c) Diamond d) None of the above Q.10 Which of the following is a dielectric fluid? (CO-02) 23 Define the process of gear hobbing. (CO-06) 24 Define mounting of grinding wheel. (CO-04)	Q.9 For honing ceramics, Which of the following abrasives is used? (CO-09) a) silicon carbide	Q.21 Compare a milling machine with an engine lathe. (CO-02)
(CO-O/) Virial is the infiction of abrasives in a gritiding.	c) Diamond d) None of the above Q.10 Which of the following is a dielectric fluid?	(CO-02) 23 Define the process of gear hobbing. (CO-06) 24 Define mounting of grinding wheel. (CO-04)
a) Kerosene b) Silicon Oil wheel. Name any two types of abrasives used in grinding wheels. (CO-04) (2) 181753/171753 /121753/31753	a) Kerosene b) Silicon Oil c) White spirit d) None of the above (2) 181753/171753	wheel. Name any two types of abrasives used in grinding wheels. (CO-04) (3) 181753/171753

2.27 Explain balancing of grinding wheel. (CO4)
Q 29 Write any five precautions to be taken in grinding. (CO3)
Enlist various limitations of LBM. (CO7)
Q.30 What are the main advantages and disadvantages of electrochemical machining. (CO7)
O 21 Explain with neat sketch the principle of lapping. (CO9)
Write the five properties of good paint. (COS)
Q.33 Define polishing process. Explain a polishing method. (CO9)
O 34 Enlist any five purposes of finishing surfaces. (CO9)
Write a short note on buffing process. (CO9)
SECTION-D
Note:Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
Q.36 Draw a neat sketch of knee and column type milling and explain principle parts. (CO2)
O 37 Explain centreless grinding and cylindrical grinding in details. (CO4)
Q.38 Define Ultrasonic machining (USM). Explain its principle of operation. Also write its various
applications. (CO7)
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March 2022 No. of Printed Pages: 4 Roll No. 181753/171753/121753 /031753 5th Sem./ Mech./ Prod./ T&D/ CAD/ CAM / F&F Subject: Workshop Technology - III M.M.: 100 Time: 3 Hrs. **SECTION-A** Note: Multiple choice questions. All questions are compulsory * (10x1=10)Q.1 Surfacing can be performed more effectively. by milling machine. (CO2)Horizontal Vertical c)- Can't say anything d) None of the mentioned Which of the following motion does a milling (CO4) machine has? b) crosswise motiona) Vertical motion longitudinal motion dy all of the mentioned Q.3 Which of the following methods produces gear by generating process (CO6) ²Casting Hobbing Milling c) Punching d) Q.4 Hobbing is a special type of which of the following? (CO6)a) Casting Grinding Let Milling Drilling (1) 181753/171753/121753

/031753

O.7 In mechanical machining, material is removed by (CO1) a) Erosion b) Corrosion c) Abrasion d) Vaporization An example of an anodic coating is (CO8) a) Zinc b) Copper c) Nickle d) Chromium O.9 Honing is used for finishing (CO9) a) External cylindrical surface b) Internal cylindrical surface c) Both (a) and (b) d) None of the above O.10 In lapping, the lubricant used to hold or retain the abrasive grains during operation is known as a) Vehicle b) Holder c) Absorber d) Retainer O.16 Name any two artificial abrasives. (CO4) O.17 Name any abrasive used in ultrasonic marching. (CO7) O.18 What is the other name of electric discharge machining? (CO7) O.19 Write purpose of lapping processes. (CO8) O.20 Define form lapping. (CO8) SECTION-C Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60) O.21 Describe the form milling operation. (CO2) O.22 Explain briefly gang milling. (CO2) O.23 How is a milling machine are classified. (CO5) O.24 How the milling machine are classified. (CO5) O.25 Describe gear hobbing process. (CO6)	Grinding wheel is specified as C 8 K 5 B 17". Grain size of a wheel will be (CO4) a) Coarse b) Medium c) Fine d) Very fine Operation done to make periphery of grinding wheel concentric with its axis to recover its lost shape is known as (CO3) a) Loading b) Glazing c) Dressing d) Trueing	SECTION-B Note: Objective Completion type questions: All questions are compulsory. (10x1=10) Q.11 Define milling. (CO2) Q.12 Define straddle milling. (CO2) All Define gear shaping. (CO6) Q.14 Write the disadvantages of hobbing. (CO6) Q.15 Define grinding wheel. (CO3)
b) Internal cylindrical surface c) Both (a) and (b) d) None of the above Q.10 In lapping, the lubricant used to hold or retain the abrasive grains during operation is known as Vehicle c) Absorber d) None of the above Q.21 Describe the form milling operation. (CO2) Q.22 Explain briefly gang milling. (CO3) Q.23 How is a milling machine specified? (CO5) Q.24 How the milling machine are classified. (CO5) Q.25 Describe the process 'Gear Shaping'. (CO6) Q.26 Describe gear hobbing process. (CO6)	Q.7 In mechanical machining, material is removed by (CO1) a) Erosion b) Corrosion c) Abrasion d) Vaporization An example of an anodic coating is (CO8) a) Zinc b) Copper c) Nickle d) Chromium Q.9 Honing is used for finishing (CO9)	Q.16 Name any two artificial abrasives. (CO4) Q.17 Name any abrasive used in ultrasonic marching. (CO7) Q.18 What is the other name of electric discharge machining? (CO7) Q.19 Write purpose of lapping processes. (CO8) Q.20 Define form lapping. (CO8)
(2) 181753/171753/121753	b) Internal cylindrical surface c) Both (a) and (b) d) None of the above Q.10 In lapping, the lubricant used to hold or retain the abrasive grains during operation is known as Vehicle b) Holder c) Absorber d) Retainer	questions out of fifteen questions. (12x5=60) Q.21 Describe the form milling operation. (CO2) Q.22 Explain briefly gang milling. (CO2) Q.23 How is a milling machine specified? (CO5) Q.24 How the milling machine are classified. (CO5) Describe the process 'Gear Shaping'. (CO6)

O31 Write the application of polishing. (CO-09) O32 Define hand lapping. (CO-09) O33 Define surface roughness measurement method (CO-09) Q.34 Define offset milling machine. (CO-02) O35 Write the application honing process. (CO-07) SECTION-D Note: Long Answer type question. Attempt any two questions. (2x10=20) Q.36 Explain any four milling operation. (CO-02) O37 Explain cylindrical grinding machine with the help of neat sketch. (CO-04) Q.38 Explain the principle and process of electric discharge machine. (CO-07)	No. of Printed Pages: 4 Roll No
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121753/031753	121753/031753

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Which machine needs jet of high temperature ionized gas? a) EBM b) LBM c) EDM d) PAM O.7 The process of providing a thin layer of zinc coating on iron and steel is called. (CO-08) a) Electroplating b) Cementation c) Metal cladding d) Galvanising O & In electro planting, the work piece act as. (CO-08) a) Anode b) Cathode c) Neutral d) None of the above Which of the following material may be used for the body of lap? (CO-09) a) Lead b) Copper c) Soft cast iron d) All of the above O Ultrasonic machining is based upon. (CO-07) a) Uniform machining b) Uniform grinding c) Uniform heating d) Vibrational waves of high frequently SECTION-B Note: Objective type questions. All questions are compulsory. (10x1=10)	O 12 The full form of USM. (CO-07) O 14 What is grinding wheel. (CO-04) O 15 Name different type of hobbing. (CO-06) O 16 What is Module. (CO-06) O 17 What is fillet. (CO-07) O 18 Conventional milling is also known as (CO-02) O 19 What is gang milling. (CO-02) O 20 What is milling cutter. (CO-02) SECTION-C Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60) O 14 What are the purposes of supplying abrasive slurry in ultra-sonic machine. (CO-07) O 22 Write the application of laser beam machining. (CO-07) O 23 Define surface grinding. (CO-04) O 24 Explain balancing of grinding wheels. (CO-04) O 25 Write the advantage of milling machine. (CO-02) O 26 Define any two milling cutter. (CO-02) O 27 Define the different type of gear. (CO-06) O 28 Define gear shaping. (CO-06)
그 시간 경험 경험 경험 시간 시간 사람들은 사람들이 되었다. 그리고 있는 사람들이 가지 않는 것이 없었다.	그리고 그 ♥ 이 그리고 있는 그 이 그는 그는 시 그 뭐 하는 사람들이 하는 중에 가게 그리고 되었다. 이번
What is ideal surface. (CO-09)	· · · · · · · · · · · · · · · · · · ·
Olz What is descaling. (CO-08)	Q.29 Explain galvanising with the help of neat sketch.
2 Trinuis decidaming.	(CO-08)
(2) 181753/171753/ 121753/031753	(3) 181753/171753/ 121753/031753