Reg.No. \_\_\_\_\_\_\_\_\_\_\_\_



**UNIVERSITY**

(Karunya Institute of Technology & Sciences)

(Declared as Deemed-to-be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – Apr/May– 2017**

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| **Code :** | **14ME2005** | **Duration :** | **3hrs** |
| **Sub. Name :** | **MACHINING PROCESSES** | **Max. marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| Q. No. |  | Questions | Course  Outcome | Marks |
| 1. |  | Draw a comparison table for different types of chip with neat sketch. | CO1 | 20 |
| (OR) | | | | |
| 2. |  | Discuss the classification cutting process with an example. | CO1 | 20 |
| 3. |  | Explain the construction and working of Centre Lathe with neat sketch. | CO2 | 20 |
| (OR) | | | | |
| 4. |  | Explain the nomenclature of single point cutting tool with neat sketch. | CO2 | 20 |
| 5. |  | Draw the comparison table for Reciprocating machine toolswith suitable sketch. | CO2 | 20 |
| (OR) | | | | |
| 6. |  | Discuss the various types of Milling cutters with Suitable Sketch. | CO2 | 20 |
| 7. |  | Explain the Types of Grinding operations. | CO3 | 20 |
| (OR) | | | | |
| 8. |  | Write short notes on (a) Honing (b) lapping (c) super finishing  (d) polishing (e) buffing. | CO3 | 20 |
|  | | **Compulsory:** |  |  |
| 9. |  | What is Abrasive Jet Machining? Explain its construction and working with suitable sketch. | CO3 | 20 |

ALL THE BEST