

- 5. (a) Derive merchant's modified theory with usual notations
 - (b) Explain design procedure of cicular form tool with neat sketche of graphical method (10)
- 6. (a) Explain the following (Any four)

(10)

(10)

- 1. Diffentiate orthogonal and oblique cutting
- 2. Draw twisted drill and show the techinical parts
- 3. Machinability
- 4. MRS and ORS
- 5. Dynamometer
- 6. Surface rougness based on tool geomentry

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