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| C:\Users\3754\Desktop\UMT-Logo.jpg | **UNIVERSITY OF MANAGEMENT AND TECHNOLOGY.**  **DEPARTMENT OF MECHANICAL ENGINEERING.**  **SCHOOL OF ENGINEERING.** |
| **Engineering Drawing and Graphics LAB.**  **Course Code: ME 101L** | |
| **SR No.** | **Experiment Title.** |
| 1 | Lettering |
| 2 | To draw orthographic views of I-Section Beam |
| 3 | To draw orthographic views of U- Block |
| 4 | To draw the half sectional front view, side view and plan of Gland for stuffing box |
| 5 | To draw orthographic views of a Pair of Brasses |
| 6 | To draw the orthographic views from isometric view of Crankshaft |
| 7 | To draw orthographic views of Monkey for Scribing Block |
| 8 | To draw three views of a Whitworth Nut given its diameter |
| 9 | To draw Single start square threads |
| 10 | To draw Whitworth thread |
| 11 | To draw three views of 2 inches diameter hexagon headed bolt and nut |
| 12 | Rivet Heads |
| 13 | To draw the single riveted Lap Joint |
| 14 | To draw the single riveted Butt Joint |
| 15 | Coupler Square thread Exercise |
| 16 | CUP Head Bolt Exercise |
| 17 | To draw a 2 inches CASTLE Nut |
| 18 | Ring or Grooved Nuts Exercise |
| 19 | SET- Screws and CAP-Screws |
| 20 | Studs (Square headed bolt with a square neck carrying a plate) |
| 21 | To draw Miscellaneous Screwed Pieces |
| 22 | To draw the orthographic projections of Shackle Bolt, given its isometric view |
| 23 | To draw GIB and COTTER Joint for Square Rods |
| 24 | To draw the orthographic projections of Knuckle Joint, given its isometric view |
| 25 | To draw orthographic views of Simple Journal Bearing, given its isometric view |
| 26 | Orthographic views of an Open Bearing |
| 27 | Draw four views in correct projection of the adjustable dog for a lathe face plate |
| 28 | Draw two views of lathe catch plate or driving plate |
| 29 | Draw broached holes for splined shafts |