

ENGINEERING DRAWING-II
2nd Exam/Civil/Elect/Mech./Auto/Mechatronic /2953/Jan'2022
(For 2018 Batch Onwards)

Duration: 1.15Hrs.

M.Marks:25

Assume if any dimension is missing.

SECTION-A

Q1. Attempt any one question.

1x10=10

- a. Draw any two rivet heads. (take diameter of rivet=30mm)
- b. Draw the basic thread forms of the following threads.
 - i) Unified thread
 - ii) sellers threads
 - iii) British association threads
- c. **Fig.1** shows the detail drawing from the pictorial view of a halving joint. Draw top view and front view of assembly drawing of the joint.

SECTION-B

Q2. Attempt any one question.

1x15=15

- i. Draw three views of a hexagonal headed bolt with hexagonal nut and washer. Diameter of bolt=24
- ii. Draw the top view and sectional front view of a single riveted, single cover or strap butt joint. Take diameter of rivet=24mm.
- iii. Draw front view of a protected type Flange Coupling used to connect two shafts of 25 MM diameter.

