ENGINEERING DRAWING-II
2nd Exam/Civil/Elect/Mech./Auto/Mechatronic/2953/Feb'2021
(For 2018 batch onwards)

Duration: 1.15Hrs. **M.Marks:25**

SECTION-A

Q1. Attempt any one question. **1x10=10**

   i. What do you mean by Pitch, Diagonal Pitch and Margin in riveting?
   ii. Draw in details the following types of thread foms: a) Square threads. b) Acme Threads. c) B.S.W. Threads.
   iii. Draw the top, front and side view of a hexagonal nut for a bolt of diameter equal to 24mm by following the standard sizes.

SECTION-B

Q2. Attempt any one question. **1x15=15**

   a. Draw three views of a hexagonal headed bolt with hexagonal nut and washer. Diameter of bolt= 24 mm.
   b. Draw the sectional front view and top view of a double riveted lap joint (Chain riveting).Take diameter of rivet= 18 mm.
   c. The detail of spigot, socket and cotter are shown in figure (I), isometric projection. Assemble the parts together and draw   i) Front view upper half in section   ii) Side view and top view.

FIG-I