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| **School: Computer Science** | **Faculty of: Engineering** |

**Name of the faculty member: Rahul Sharma**

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| **Course Code: MEC 103** | **Course Title: Engg. Graphics** |
| **Program: B. Tech** | **Term: 2021-1** |
| **Max. Marks: 30** | **Is Rubric Applicable: No** |
| **Date of Allotment: 10/11/20** | **Date of Submission: 17/11/20** |

**Important Guidelines:**

1. All questions in this Academic Task are compulsory.

2. It is mandatory to attempt all questions of the assignment in your own handwriting on Grid Sheets, A4 size sheets/pages with a pencil only. Any other mode of attempt (typed or printed codes or table) except hand written/drawn will not be accepted/considered as valid submission(s) under any circumstances.

3. Every attempted sheet/page should carry clear details of student such as Name, Registration number, Roll number, Question number and Page number. The page numbers should be written clearly on the bottom of every attempted sheet in a prescribed format as: for page 1; **Page 1 of 4**, for page 2; **Page 2 of 4**, for page 3; **Page 3 of 4** and for page 4; **Page 4 of 4**, in case your assignment/document is of 4 pages.

4. After attempting the answer(s), student needs to take photograph of each of these answer sheets/pages and needs to convert the **jpeg** format images into a sequential single **pdf** format document (can be done with many free online available converters).

5. This PDF file should be uploaded onto the UMS interface on or before the last date of the submission.

6. Refrain from indulging into plagiarism as copy cases will be marked zero.

7. The assignment consists of a total of 3 questions for 10 marks each, hence the maximum marks are 30.

8. Assume the dimensions or data, if missing.

Q1: Draw the following views of given object:

 a. Left Half Section Front View

 b. Top View
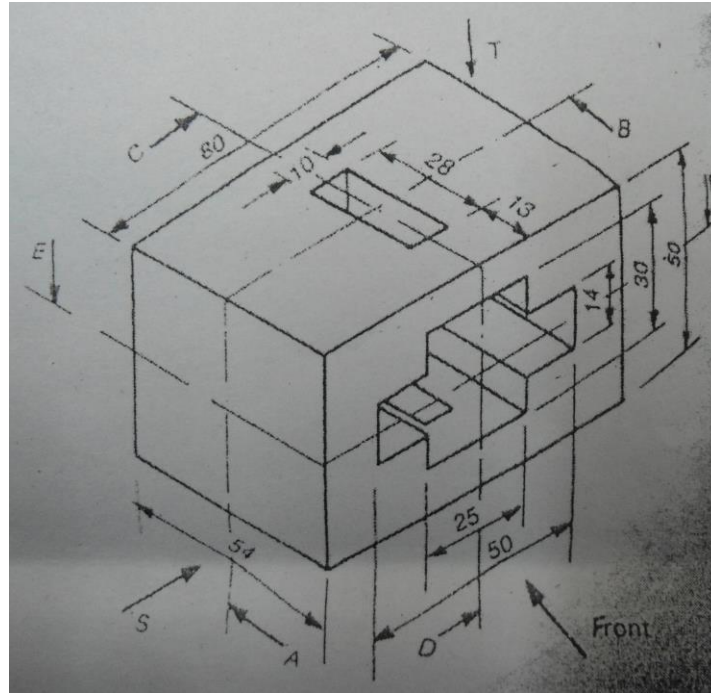


Q2: A triangular pyramid of side 15 mm and axis height of 24mm is resting on the top of a pentagonal prism of base edge 28mm and height of 50mm centrally. Draw the Isometric view of these solids?

Q3: A cube of edge 24mm is resting on the top of a frustum of cone of base diameter 60mm and top diameter of 40mm with axis height of 72mm. Draw the isometric view of these solids?