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ANNA UNIVERSITY (UNIVERSITY DEPARTMENTS)

B.E. /B.Tech / B. Arch (Full Time) - END SEMESTER EXAMINATIONS, NOV / DEC 2024

B.E Mechanical Engineering

(Common to B.E Materials Science & Engineering, Production Technology etc.,)

Semester IV

ME23S04 Pro-E (Creo Design)

(Regulation 2023)

Time: 1.5 hrs.

Max. Marks: 50

PART- A (2 Marks x 15 =30 Marks)
(Answer all Questions)

Q. No.	Questions	Marks
1	How does parametric modeling benefit the design process in Creo?	2
2	State the uses of the Model Tree in Creo Parametric.	2
3	Why is the use of templates recommended in Creo Parametric?	2
4	What are the main components of the Creo Parametric interface?	2
5	Differentiate between Part and Assembly in Creo.	2
6	Distinguish between Wireframe and Shading display styles.	2
7	Compare Geometry selection and Feature selection filters.	2
8	What is a working directory in Creo Parametric?	2
9	List out the importance of regeneration in Creo Parametric.	2
10	Describe the function of the View Manager in Creo.	2
11	What is query selection in Creo Parametric?	2
12	What are the uses of dimension draggers in editing.	2
13	What is meant by "In Session" models in Creo?	2
14	What is the significance of using templates while creating new parts in Creo?	2
15	What are the roles of the Folder Browser and Web Browser in Creo Parametric?	2

PART- B (5 Marks x 4 = 20 Marks)
(Answer any 4 Questions)

Q. No.	Questions	Marks
I.	Explain the key features of Creo Parametric software.	5
II.	Describe the functions of the View Manager in Creo Parametric.	5
III.	Describe the function and use of the Ribbon Interface in Creo.	5
IV.	List and explain the various model orientation methods in Creo.	5
V.	Describe how features are edited using Edit Definition in Creo.	5