The state of the s	Assignment -1.
The second second second	
	Interdution to Mechanical Engineering
8.1	What are the boad subdivisions of
	What are the boad subdivisions of Mechanical Engineering? Emplain any one.
->	The 3 broad subdivisions of mechanical engineering are:
	engineering are:
	1) Thumal Engineering
***	(2) Design Engineering
-	1) Thurnal Engineering 2 Design Engineering 3 Manufacturing Engineering.
\rightarrow	Mechanical of Preduction Engineering:
	It is the design, development, implementation,
	operation, maintainance and contest of all
	processes in the manufacturing of a product.
	It consists of the activities involved in the
	cheation and operation of technical and
	economic processes that convert saw malisias,
	cheation and operation of technical and economic processes that convert saw materials, energy and purchased items into:
(a)	Components for sale to other manufactures.
(b)	End product for sale to the public
9.2.	What are the various bearus of Thurnd engineering?
	Engineering?
	(1) 11- to 10 -> Parton of Heat even
	from one body to another.
	from one body to another.
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2	Energy convision:
→	
	Transformation of energy from something such as fossil nuclear etc into something uliful like electricity.
(3)	Fuid Methanies:
152	The study of fluids - liquids and gases.
9.3.	List any 2 inventions where Computer Science Regineering and mechanical engineering have
	Contributed together. (1) 30 - Printers: You need mechanical engineers to
	plant the shafts, notors, gentones and sotations mechanisms in all directions
	of the nossile.
	You need compute programming to tell the nozzle where to print.
	2) Self Priving Cols: Mechanical engineers will make the on
	itself, its engine, jecabon, etc., while you need sophisticated algorithms to detect
	the presence of groad and people to enable the col to move buts servors.
	the cor to move with servors.
(2) -	enc Machines, Robotic ams, Rau Hacking Cameros
Rainbow	in Cricket matches, etc.

4.	What are the Role and Responsibilities of
	of mechanical engineus in industry?
ans.	and test mechanical and thursd sensors
	and devices.
	2) They parvide efficient solutions to development of products and percenter.
	3) All industries rely on Mechanical engineering. so they have the most responsibility.
	(4) They conceptualize the design for oney
	(5) They as have to solve small scale as well as large scale publicus sanging from designing a mozzle to an airplane.
P.5 ·	What are the different associations of Mechanical engineering? Explain any onc.
→ ·	Some associations of Mechanical engineering are:
(1) (2) (3)	Indiah Society of Mechanical Engineers (ISME) Society of Automotive Engineer International (SAE) American Society of Mechanical Engineers (ASME) The Institute of Mechanical engineers. (IMechE).
<u>(4)</u>	(re Institute of Memanical engineers. (ITTECHE).
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→	Indian Society of Mechanical Engineers (15ME)
	(ISME)
	14- Th. 1-10-09-1
	Mos It is a non-profit technical society in Indians updating vital information in field of engineering and technology.
-	social in maiar updating vital affective
•	in field if enginearing and junnough.
	RStablished is Made Madeas in 1990.
. (3)	Sceks to bring together various individuals, institutions and gout agencies.
	institutions and gout agencies.
- 4	Aims to evolve and develop engineering
	prantices in India.
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