	Pege No.	
	Subject Name - Basic Mechanical Engineering Subject Code - MEE 105B  Name - Shreerang Mhatre  Division - 11  Roll no - 111056  Batch - K3	
<i></i>	Assignment No-2	
	Unit 3: Manufacturing Engg & Unit 4: Thermal Engg	
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	your affect survey according out expected (11.0)
(21)	List out different types of lathe machine.
m5)	The different types of lathe machine ove-
	Spega Lathe
	Bench Lathe half alter
(3)	centre Lathe / Engine Lathe
	Tool Room Lathe
	Capstan and Torret Lathe
6	Automatic Lathe
(1)	Special Lather steril solder of - 13
	metale as system.
(B2)	what are the various types of a drilling
	mochine? Explain radial drilling machine in
phro	detailment bead a dough an A bright by
	m has young doidy downt matines
Ans	The various types of drilling machine are-
(1)	Portable drilling machine
(2)	Sensitive drilling machine machine
0	upright drilling machine is hold
	Radial drilling machine
6	Grang drilling machine
6	Multiple spindle drilling machine
0	Automatic drilling machine
0	Deep hole drilling machine.
	Radial drilling machine.
(1)	It is largest and most versatile of all drilling m.
in	It is suitable for heavy duty works.
(زان	Holes can be drilled at different locations
	without moving work pieces.

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	Disscuss the following terms with example : System, surrounding & Bandary.
<u>OII)</u>	Disscuss the following brandary.
. 9	: System, surrounding &
	· · · · · · · · · · · · · · · · · · ·
Ans XI	System - containing energy
	Asystem - is a region containing energy andlor matter that is separated from its
	1 1 10 11 11 11 11 11
	Eg - The coffee inside a thermas can be
	called as System.
	willing to eggyt anomor on got a drilling
(2)	Barranday Filling (nibby audax 9010000
C	A monday 15 a doses surface convariant
	a system through which energy and mass
- 0)7/	may enter or leave the system.
	Fg-The inner container of the thermas keeping the coffee hot inside is
	keeping the coffee hot inside is
	called as boundary prilling topico (8)
(3)	9 Badial drilling machine
9	Garroundings - Orido con parillinh prop (2)
	Extra Everything external to the system is surroundings.
	Eg - The cup, dish, biscuts etc outside the
	themas can be called as surroundings.
	e Redial drilling madrine
,aron	Wish Un to slidnerov teom boro tesprol citi (i
	export when he have the transfer of the transf
20	pitional transflib to bollish and more estaticili
	without moving work pieces.

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0316)	pefine!
-	T
ms-a	Thermodynamic equillibrium-
	equillibrium and chemical equillibrium;
	all coexist together then the system is
	in thermodynamic equillibrium.
p	Enthalpy-
	Enthalpy of fluid is defined as algebric arm of internal energy and flow work.
	i.e h=u+Pv
<u> </u>	Thermodynamic Cycle-
	It system undergoes a series of
	state changes in such a way that it returns
	bock to its original state then the process is known as thermodynamic cycle.
	THE PART OF THE PA
. 53	Salahan manasa