Total No.	of Overtions 41	
	of Questions : 4]	SEAT No.:
P-5242		[Total No. of Pages: 1
	[6188]-197	
	(/) _	`
	B.E. (E & TC) (Inse	
	ELECTRONIC PRODUCT DE	VELOPMENT
(20)	19 Pattern) (Elective-IV) (Semes	ter-VII) (404185B)
Time : 1 1	Hour]	[Max. Marks: 30
	ns to the candidates):	
1)	Answer Q1 or Q2 and Q3 or Q4.	-0'
2)	Neat diagrams must be drawn wherever necesso	ary.
3)	Figures to the right side indicate full marks.	2
<i>4</i>)	Use of Calculator is allowed.	
5)	Assume Suitable data if necessary.	CS.
Q1) a)	Define and explain system engineering in p	roduct development. [8]
b) \	Explain the concept development and its s	ix stages. [7]
	QR 7	
Q2) a)	Explain product design development in det	ail. [8]
b)	What is rapid prototyping and its advantag	ges? [7]
Q3) a)	Illustrate with neat diagram, common stag	ges in prototyping of product
	design.	[8]

Explain how to establish requirements for the circuit design and give some requirements that drive design. [7]

OR

Explain the importance of low power in circuit design and its advantages.

[8]

Explain common reasons for product failure.

[7]

