(3 I	Hours)	[Total Marks: 80]	Q176 7
N.B.	: (1)	Question No. 1 is <b>Compulsory</b> .	
11.2.		Attempt any <b>three</b> questions out of the remaining <b>five</b> .	50
		Each question carries 20 marks.	AP' &
	(4)	Assume suitable data if required.	
			126
1.	(a)	What is MVP? What are the key points while designing the MVP?	(5)
	<b>(b)</b>	State the classification types of an electronic Product?	(5)
	(c)	Define and explain Idea Segmentation.	(5)
	( <b>d</b> )	What is debugging? Explain the steps of debugging	(5)
.1	3		150
200	(a)	What are the product development challenges? Explain in details.	(10)
	(a)	what are the product development chancinges. Explain in details.	v( <b>10</b> )
7	<b>(b)</b>	What are the significances of EMC and EMI in product testing?	<b>(10)</b>
	S. I.		
3.	(a)	What is the integration, verification and validation in electronic product design?	(10)
5	(b)	Explain the contents of service manual, instruction manual & user manual.	<b>(10)</b>
v	4		
<b>4.</b> A	(a)	What is the role in A to D converter in product design? Explain parameters	(10)
3	/()	while designing A to D converter.	()
20,	(b) 🗸	Write in brief about risk management in software testing.	<b>(10)</b>
	SO.		
2	12. N	Fig. Sp. Sp. Sp.	
5	(a)	Write in brief on presentation and preservation of document.	<b>(10)</b>
4	<b>(b)</b>	Write down the difference between	(10)
S) A	(3)	i)White box testing and Black box testing.	,
	E.T.	ii) Functional Design and Architectural Design for a smartphone.	
6.	(a)	Write short note on: Indian and international standard product compliance.	(10)
AP 1	(b) ,	What is the importance of bill of material? Explain bill of material with	(10)
)	70	suitable example.	(==)
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-27	, 		
A.		VA 182	

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