Scheme of Valuation/Answer Key

(Scheme of evaluation (marks in brackets) and answers of problems/key)

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
THIRD SEMESTER B.TECH DEGREE EXAMINATION, DECEMBER 2018

Course Code: ME207

Course Name: THERMAL ENGINEERING-I

Max. marks: 100				Duration: 3 hours

		PART A	
		Answer any three full questions, each carries 10marks.	Marks
1	a)	2+2+1(Block diagram)	(5)
	b)	1(Data)+ 2x2	(5)
2	a)	5	(5)
	b)	5	(5)
3	a)	4	(4)
	b)	2(Schematic diagram)+4	(6)
4	a)	2x3	(6)
	b)	1+3	(4)

		PART B	
		Answer any three full questions, each carries 10marks.	
5	a)	2(Diagram)+4	(6)
	b)	1(One stage)+1(Two stage)+2	(4)
6	a)	2(Diagram)+3	(5)
	b)	2(Data)+3	(5)
7	a)	4(4 differences)	(4)
	b)	4(4 differences)	(6)
8	a)	4	(4)
	b)	3+3	(6)

		PART C	
		Answer any four full questions, each carries 10marks.	
9	a)	2(Diagram)+2	(4)
	b)	6	(6)

10	a)	2+2	(4)
	b)	6	(6)
11	a)	2+2	(4)
	b)	6	(6)
12	a)	5	(5)
	b)	2+2+1	(5)
13	a)	3+2	(5)
	b)	2+3	(5)
14	a)	1x3	(3)
	b)	5+2	(7)
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Question Paper Pattern

Maximum marks: 100   Time: 3 hours

The question paper should consist of three parts

Part A
4 questions uniformly covering modules I and II. Each question carries 10 marks
Students will have to answer any three questions out of 4 (3X10 marks =30 marks)

Part B
4 questions uniformly covering modules III and IV. Each question carries 10 marks
Students will have to answer any three questions out of 4 (3X10 marks =30 marks)

Part C
6 questions uniformly covering modules V and VI. Each question carries 10 marks
Students will have to answer any four questions out of 6 (4X10 marks =40 marks)

Note: In all parts, each question can have a maximum of four sub questions, if needed.