



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
FIRST AND SECOND SEMESTER B.TECH SUPPLEMENTARY
EXAMINATIONS, JUNE/JULY 2016

Date/Day	Time	Sem ester	Course	
			Exam Slot	
1-7-2016 Friday	2:00 pm to 5:00 pm	2	A	MA102 Differential Equations
4-7-2016 Monday	1:30 pm to 4:30 pm	1/2	B	PH 100 Engineering Physics
8-7-2016 Friday	2:00 pm to 4:00 pm	1/2	C	BE110 Engineering Graphics
11-7-2016 Monday	1:30 pm to 4:30 pm	1/2	C	BE100 Engineering Mechanics
12-7-2016 Tuesday	1:30 pm to 4:30 pm	1/2	F/E1	CE100 Basics of Civil Engineering
13-7-2016 Wednesday	1:30 pm to 4:30 pm	1/2	F/E2	ME100 Basics of Mechanical Engineering
14-7-2016 Thursday	1:30 pm to 4:30 pm	1/2	F/F1	EE100 Basics of Electrical Engineering
15-7-2016 Friday	2:00 pm to 5:00 pm	1/2	F/F2	EC100 Basics of Electronics Engineering
18-7-2016 Monday	1:30 pm to 3:30 pm	2	D	BE 102 Design & Engineering
19-7-2016 Tuesday	1:30 pm to 4:30 pm	1/2	B	CY 100 Engineering Chemistry

CONTROLLER OF EXAMINATIONS

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Guillaume Favre



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web choose 1 answer the final temperature is closer to t₁ than to t₂ a the final temperature is closer to t₁ than to t₂ the final temperature is exactly halfway between t₁ and t₂ b the final temperature is exactly halfway between t₁ and t₂ the final temperature is closer to t₂ than to t₁ c

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web in this set of practice questions we will go over the main types of questions on calorimetry including the heat capacity the heat of reaction finding the final temperature of a mixture constant pressure calorimetry and constant volume calorimetry a few important concepts and formulas you will need to solve these questions

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web 6 a 218 g sample of steam at 121oc is cooled to ice at 14oc find the change in heat content of the system 7 in going from ice at 34oc to steam at 138oc a sample of water absorbs 1 41 x 10⁵ j find the mass of the sample answers 1 2 68 x 10⁴ j 2 6 23 x 10⁴ j 3 1 71 x 10⁴ j 4 1 11 x 10⁵ j 5 2 11 x 10⁵ j 6

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