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NPTEL

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Courses » Introduction to Chemical Thermodynamics and Kinetics

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Unit 5 - Week 3

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Course outline

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Assignment 3 Week 3
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Week 4

Assignment 3

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-20, 23:59 IST.**

- 1) -10,000 J 1 point
 100 J
 10 J
 1 J

No, the answer is incorrect.**Score: 0****Accepted Answers:****-10,000 J**

- 2) 413.8 K, -1983 calories, -1983 calories, -3305 calories 1 point
 4 K, -1983 calories, -1983 calories, -3305 calories
 4 K, -1983 calories, -19 calories, -3305 calories
 413.8 K, -1983 calories, -19 calories, -33 calories

No, the answer is incorrect.**Score: 0****Accepted Answers:****413.8 K, -1983 calories, -1983 calories, -3305 calories**

- 3) 0, 0, 0, 0 1 point
 -2420 cal, 0, 0, 0
 150 cal, 2420 cal, 0, 0
 -2420 cal, 2420 cal, 0, 0

No, the answer is incorrect.**Score: 0****Accepted Answers:****2420 cal, 2420 cal, 0, 0**

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Week 8	ce De	No, the answer is incorrect. Score: 0 Accepted Answers: <i>373.33 K, -500J, -500J, -700J</i>	
Week 9			
Week 10			
Week 11			
Week 12			

5) 0.11 K atm⁻¹ **1 point**
 0.96 K atm⁻¹
 0.88 K atm⁻¹
 0.48 K atm⁻¹

No, the answer is incorrect.
Score: 0
Accepted Answers:
0.96 K atm⁻¹

6) -80.64 kcal mol⁻¹ **1 point**
 -22.0 kcal mol⁻¹
 -64 kcal mol⁻¹
 -8 kcal mol⁻¹

No, the answer is incorrect.
Score: 0
Accepted Answers:
-22.0 kcal mol⁻¹

7) 80.0 kJ mol⁻¹ **1 point**
 500.40 kJ mol⁻¹
 100.00 kJ mol⁻¹
 1000 kJ mol⁻¹

No, the answer is incorrect.
Score: 0
Accepted Answers:
80.0 kJ mol⁻¹

8) 2.00 kJ mol⁻¹ **1 point**
 5.00 kJ mol⁻¹
 10.00 kJ mol⁻¹
 15.00 kJ mol⁻¹

No, the answer is incorrect.
Score: 0
Accepted Answers:
2.00 kJ mol⁻¹

9) 19.424 J **1 point**
 2 J
 3000 J
 zero

No, the answer is incorrect.
Score: 0
Accepted Answers:

19.424 J

- 10) – 4053.6 kJ mol⁻¹
 – 20 kJ mol⁻¹
 – 30 kJ mol⁻¹
 – 3135.0 kJ mol⁻¹

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

– 3135.0 kJ mol⁻¹



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