CHM 1001 General Chemistry

Assignment Answers

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Part 1: Multiple-choice question	ons
Question No.	Answers
1	A
2	P
3	E
4	E
5	D
6	A
7	8
8	p .
9	Ä
10	E
11	В
12	В
13	A C
14	
15	№ 0
16	₽ B
17	J D
18	E
19	C
20	C

Part 2: Short answer questions (You can add pages if needed)

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etep 2 + stop 3;
3 (2) Step 1 +
     2 N20s or -> 2 NO2 +2 NO3
       NO2 + NO3 - NO2 + NO + 02
      NO + NO3 - 2NO2
   a) 2 N20500 4 NO200 02
       The machanism is plausible
   b) NO and NO3
   c ) step 1: unimolecular
      Step ?; bimolocular
      letep 3: bimolecular
4) clacon + Pelacon = Pelacon
           0.000 M
    M 210.6
     -xM
  MX-M020.0 Mx-M210.0
                          +XM
   Ke: 33, [PCl.]
            [Pels JElz]
       33 (0.015-x)(0.050-x) = x
            X1 = 0.08665 ... (impossible)
            ×2 = 0.00866 ...
 when equilibrium state:
           = 0.00866 M
     PCl3] = 0.041934 M
     [ch] = 0.00634 M
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