Answers for Pages 60-64

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#1 the chain BFGEHD with value 22

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2. ACBDA OR ADBCA with traveling time 65 minutes.  He will be back home at 13:05

3. The chain AGIB with value 30 million dollars

4. a) ABCDA or ADCBA with value 100

    b) maximal vale: ACBDA or ADBCA with value of 170

5.  ERYMESC with duration 18 minutes

Activity 2

a) $106 000

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b) 1. Yes   2. No  3.  The graph must remain connected

c)1. Choose the least expensive edge (trail) 2. We choose among the remaining edges the least expensive on that does not form a simple cycle.

3. We reapt step 2 until we obtain a connected graph

d) 3. $40000

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9. a) 5 conduits

b) $15 500