Zonal Informatics Olympiad, 2006: *Answer sheet*

1. (a) Net profit in best interval: | **4** | (b) Net profit in best interval: | **4** |

   (c) Net profit in best interval: | **6** |

2. (a) Maximum number of steps: | **10** | (b) Maximum number of steps: | **7** |

   (c) Maximum number of steps: | **11** |

3. (a) Number of tilings: | **258** | (b) Number of tilings: | **1255** |

   (c) Number of tilings: | **6105** |

4. (a) Minimum expenses: | **51** | (b) Minimum expenses: | **56** |

   (c) Minimum expenses: | **39** |