

Candidate Number:

**QUB/Institute of Professional Legal Studies  
and UU/Graduate School of Professional Legal Education**

**Admissions Test December 2013  
Section D**

1. When Steven Martin died he left a sizeable estate. The solicitor's total costs for dealing with all the necessary legal formalities amounted to 0.5% of the net estate plus VAT at a rate of 20%. The net estate is the total amount of Mr Martin's assets when he died less any debts and expenses which had to be paid out of his assets. These included the cost of his funeral, the fees to be paid to court and any other debts. Mr Martin's house was worth £235,000 and he had £72,370 in various bank accounts. He had thirty BP shares which were worth £468 each. His funeral cost £2,450 and the court fees for the grant of Probate of his will were £200. A repayment of £250 also had to be made to his pension provider for overpayment of his pension. How much was his solicitor's total bill?

- (a) £1,912.56
- (b) £1,829.63
- (c) £1,592.55
- (d) £1,911.06
- (e) £1,826.82

2. While on holiday in Italy, Maggie and two friends decide to go on a bus tour. The bus leaves at 10.15a.m. The journey to their first destination takes two hours ten minutes plus a ten minute "comfort" break. They have lunch at a very picturesque restaurant and one hour twenty five minutes later they set off for their second destination, a vineyard and wine tasting. The bus journey takes forty minutes plus a quick stop for twenty five minutes to look round an historical monument. The wine tour lasts one hour forty minutes and the return journey to the hotel takes fifty five minutes. At what time do they reach their hotel?

- (a) 16.20
- (b) 7.40 p.m.
- (c) 17.30
- (d) 17.15
- (e) 5.40 p.m.

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3. James and Patricia are pleased with their new home. All that remains is for their garden to be landscaped. They want a lawn at the front and decide to use "Roll-a-lawn" who charge £8.50 per square metre for providing the lawn and this price includes the laying of the lawn. The area they want to put into lawn is 22 metres long by 12 metres wide. They also engage Jenny Greenfingers to design the two main flower beds. They only want her to include shrubs at this stage as they will choose and plant the flowers themselves. Jenny charges £42 per hour plus VAT at a rate of 20% for the design work and reckons the planning will take her eight hours. She has recommended a gardener who will charge £26.50 per hour for laying out and planting the flower beds. He does not charge VAT. She reckons this should take him three days working eight hours per day. Jenny advises that they will need twenty eight shrubs – seven at £13.50, four at £28.00, eight at £7.25 and nine at £14.00. Based on these figures and times, what will the total cost for the landscaping be?
- (a) £3,673.70
- (b) £3,606.50
- (c) £3,249.70
- (d) £3,800.90
- (e) £3,547.70
4. Rather than take a bank loan to fund his studies, in September 2010 Connor borrows from his uncle, Ted. Uncle Ted is fond of his young nephew but is not soft. They agree that Connor will borrow £5,000 per year for three years. The loan will be interest free but Connor must start to repay it at the sum of £200 per calendar month once he starts to earn a salary of at least £25,000 per year. Connor graduates and starts work on 1st July 2013. For the first year he will earn £23,500 but from 1st July 2014 on he will earn more than £25,000 per annum. Connor will start to repay the loan on 25th July 2014. In what month will he repay the last instalment of his loan to Uncle Ted?
- (a) September 2019
- (b) October 2019
- (c) September 2020
- (d) October 2020
- (e) November 2020

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5. Despite the recession, Mr Parker, a car salesman, is doing a thriving trade on second hand cars. His formula is simple. He buys second hand cars at 20% below book price and sells them at £500 below book price. The last four cars through his hands were a 2008 Honda CR-V (book price £11,600), a 2010 BMW Series 3 (book price £23,500), a 2011 Saab 900 (book price £16,800) and a 2009 Toyota Urban Cruiser (book price £9,700). Out of his profits he pays 5% advertising costs and then 20% Income Tax on the remaining amount. How much money is he left with after meeting these costs?

- (a) £8,256.00
- (b) £7,843.20
- (c) £9,804.00
- (d) £9,363.20
- (e) £6,748.80

6. Farmer Jones tells his estate agent that he wants to lease some of his farm land as he does not need it all this year. Four fields near his house contain 21 acres and 1,210 square yards in total. Two big fields near the river contain 2.6 hectares in total and another field contains 14 acres and 3,630 square yards. Of the total land to be leased, 27.5 acres are good land which cost £160 per acre per annum and the remaining ground is rough land which costs £50 per acre per annum. If a farmer will take a lease of all the land for two consecutive years, that farmer will get a 10% discount. How much will rent for a lease for two consecutive years cost the farmer in total?

1 hectare = 2.5 acres

1 acre = 4,840 square yards

- (a) £10,300
- (b) £7,920
- (c) £4,635
- (d) £8,919
- (e) £9,270

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7. A group of three tradesmen decide to go with a charity "Build-a-home" to Ghana to help locals build some houses. As they are working for a charity, the airline permits them to take two suitcases each with an allowance of 22.5 kilograms per suitcase. They each take two suitcases. The airline allows them to combine the total weight of the cases as some are heavy and some are light in order that they can have a combined usable weight of all six suitcase allowances. Any additional kilos or part kilos will be charged at £20.00 per kilo. Before they leave they meet at the leader Pete's house to weigh the suitcases. He has old fashioned weighing scales that weigh in stones and pounds (lbs). The suitcases weigh 61 lbs 6oz, 52 lbs 8oz, 53 lbs 6oz, 57 lbs, 54 lbs 8oz and 51 lbs 4oz. If they divide the cost of the extra baggage between them equally, how much do they each have to pay for excess baggage?

1 kilo = 2.2 lbs

16oz = 1 lb

- (a) £309
- (b) £103
- (c) £1,300
- (d) £100
- (e) £300
8. Raymond and Phillipa run a guest house in Newcastle. It is approaching a bank holiday weekend so they head out to their local Easybuy store to collect a few things they forgot to buy earlier. At the store there are special offers. They buy six boxes of Cornflakes at £2.20 for two boxes. Muesli costs £1.89 per box but there is a three for two offer so they take three boxes. Phillipa puts six grapefruit at 35p each into the trolley. There is a 20% offer off the full price of £9.45 per box for dishwasher tablets so they take two boxes. As they are good customers they have a loyalty card which gets them 10% off the total bill at the till. How much do they pay for all the items they have chosen?

- (a) £30.78
- (b) £24.84
- (c) £26.55
- (d) £18.04
- (e) £28.25

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9. Ruari owns a diesel Ford Focus and Barry owns a petrol Vauxhall Astra. The two families live in Portstewart and decide to go on holiday to the Emerald Hotel in Cork. Barry's satellite navigation system tells him that this is a distance of 315 miles. Ruari gets 50 miles to the gallon and Barry gets 45 miles to the gallon. If diesel costs £1.40 per litre and petrol costs £1.35 per litre, whose return journey cost more and by how much?

1 gallon = 4.5 litres

- (a) Barry by £1.26
- (b) Ruari by £5.67
- (c) Barry by £2.83
- (d) Ruari by £11.17
- (e) Barry by £5.67
10. Darren Platt and Aoife Williams are members of the European Parliament. In that capacity they are required to go on a fact finding tour to the Far East to include Tokyo, Beijing, and Kuala Lumpur (KL). Their flights cost £1,425 each to Tokyo, £525 each on to Beijing and £1,100 each back to London from Beijing via KL. The total cost of their two hotel rooms in hotels in Tokyo, Beijing, and KL are 109,440 Japanese Yen, 8,400 Chinese yen, and 3,666 Malaysian Ringgit respectively. They are away for ten days and receive an allowance of £110 each per day. What is the total cost of their tour?

152 Japanese Yen = £1      1 Chinese Yen = £0.10      4.7 Ringgit = £1

- (a) £12,980
- (b) £9,540
- (c) £8,440
- (d) £7,950
- (e) £10,640