

**Question 1** (Answer: A)

- Moral hazard is about behaviour \*after\* an agreement is made.
- Knowing that someone else bears the cost, a party takes more risk than they otherwise would.
- Asymmetric information \*before\* the agreement is adverse selection, which is a different problem.

**Question 6** (Answer: A)

- Cost-benefit analysis compares \*all\* costs and benefits, including external ones.
- The recommendation follows from whether total social benefit exceeds total social cost.
- Private profitability alone is not enough, since the pollution is an external cost.

**Question 7** (Answer: D)

- $MR = 0$  is the output at which total revenue stops rising.
- So the firm is maximising \*revenue\*, not profit.
- Profit maximisation is at  $MC = MR$ , which is at a lower output whenever MC is positive.

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| <b>1</b> | <ul style="list-style-type: none"> <li>• A small number of relevant knowledge points are included and the response is limited by significant errors or omissions.</li> <li>• The response has little relevance to the question.</li> <li>• Analysis where provided is largely descriptive. Use of analytical tools such as diagrams and formulae, where necessary, may contain significant errors or be omitted completely.</li> <li>• Responses show limited organisation of economic ideas.</li> </ul> |
| <b>0</b> | No creditable response.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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| <b>1</b> | <ul style="list-style-type: none"> <li>• Provides a vague or general conclusion or judgement in relation to the question.</li> <li>• Makes simple evaluative comment(s) with no development and little supporting evidence.</li> </ul> |
| <b>0</b> | No creditable response.                                                                                                                                                                                                                |

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| 1(a)      | <p><b>Explain the meaning of 'allocative and productive efficiency'.</b></p> <p>Allocative efficiency is when firms produce what consumers want (1)<br/> <math>MC=AR/MC=P</math>. (1)<br/>         Productive efficiency is producing goods and services with the least use of resources. (1)<br/>         Production on the lowest average cost curve/ minimum average cost/AC =minimum (1)<br/>         Producing on the PPC 1</p> |
| 1(b)(i)   | <p><b>Explain what is meant by a negative production externality.</b></p> <p>A cost 1 that is born by someone other than the producer of the good/a third party 1</p>                                                                                                                                                                                                                                                                |
| 1(b)(ii)  | <p><b>Identify from the extract, a negative production externality resulting from steel production.</b></p> <p>Noise, dirt or polluted air 1</p> <p><b>Max 1 mark</b></p>                                                                                                                                                                                                                                                            |
| 1(b)(iii) | <p><b>Explain, with the aid of a diagram, the consequences for output and price if the steel market is required to take into consideration negative production externalities.</b></p> <p>Labels 1 Axes 1 and explicit indication of negative externality 1<br/>         Comment: Quantity falls from Q to Q<sub>1</sub> 1 and Price increases from P to P<sub>1</sub> 1<br/>         Welfare loss explained 1</p>                    |

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| 1(c) | <p><b>Consider whether 'a monopoly always operates against the interests of the consumer'.</b></p> <p>In favour of monopoly :</p> <ul style="list-style-type: none"> <li>Economies of scale 1, + explanation 1</li> <li>Investment in research and development 1, + explanation 1</li> </ul> <p>Natural monopoly e.g. railways 1, + development 1<br/> <b>Max 4</b></p> <p>Against monopoly:</p> <p>Loss of productive efficiency 1 + explanation 1<br/>         Loss of allocative efficiency 1 + explanation 1<br/>         Lack of dynamic efficiency 1 + explanation</p> <p>Or: A diagram showing the loss of allocative and productive efficiency<br/>         Axes/Labels 1 correct costs and revenues 1 loss of AE 1 loss of PE 1<br/> <b>Max 4</b><br/> <b>Max 7 for argument</b><br/>         Conclusion: 1</p> |
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