Venue chool of Public Policy

Semester 2 - End of Semester, 2019

**EXAMINATION** 

### IDEC8080 Stemester Lienting Economics

This paper is for all students.

### Assignment Project Exam Help

**Examination Duration:** 120 minutes

Email: tutorcs@163.com Reading Time:

**Exam Conditions:** 

Central Examination

Students must return the examination paper at the end of the examination

This examination gaper is available to the ANU Library archives

Materials Permitted in the Exam Venue CS. COM

(No electronic aids are permitted e.g. laptops, phones)

Calculator (non programmable)

**Materials To Be Supplied To Students:** 

1 x 20 page plain

Scribble Paper

**Instructions To Students:** 

Please show all working.

# SECTION A - 程序代写代做 CS编程辅导[30 marks] marks each]

State whether early and concisely explain your reasoning as well as you can.

- 1. If the whole the electricity generator may regret entering into a contract for entering into a ent.
- 2. If a baseline strate strating scheme is in place, a price signal exists that will incentivise reductions in emissions.
- 3. An oil resource ax invalves operating the Saccounting profits from an oil extraction site.
- 4. Probabilistic Afgy and yets (PSA) of a perposed medetr lower sation chine lap into account the costs of a nuclear accident on the natural environment.
- 5. When bidding into the wholesale spot market cach decricity generator should always bid its marginal cost of generation.

SECTION B - QQ: 749389476

[30 marks]

[10 marks each]

Use at least one hat to set of the towers. Com

#### 6. Missing money

What is the "missing money problem" in electricity markets? What are its implications? Briefly describe two approaches for reducing the problem.

#### 7. <u>Time-varying prices</u>

Explain how moving to time-varying retail electricity prices can lead to improved outcomes from an economic point of view. Please focus on opportunities from both lower prices at some times and higher prices at other times.

#### 8. **Domestic reservation policy**

What is a domestic reservation policy for natural gas? What would be the advantages and disadvantages for Australia from adopting this policy?

### SECTION C-程序积写代做 CS编程辅导[40 marks]

Make sure to provide the units for your answers.

9. Probabilist
Imagine that the probabilistic that the probabilistic

Assume a result of 0.06 and that the life of each plant will be 40 years. For sile of the plants can be opened immediately and are identical in all respects other than their level of safety. Also assume that there are no risks to consider after the 40 years of plant operation.

# WeChat: cstutorcs

Probabilistic safety analysis (PSA) parameters for a new nuclear power station

Source terms 1011	namest Projec	tAmusiam Heln
(% of inventory)	(\$ million; real prices)	tamina Help
Design option 1		_
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1	20,000	0.0008
80	1,000,000	0.0002

- a) Define "source term" in this context. [2 marks]
- b) Based on the above data, what is the minimum up-front amount that society should be willing to pay for the safer option? Show your calculations clearly. [12 marks]
- c) If a higher discount rate were used, should society be willing to pay more or less for a safer design? Explain the intuition behind your answer. Using the numbers above, provide a demonstration of this phenomenon. [6 marks]

## 10. Internationa程序代写代做 CS编程辅导[20 marks]

Imagine that the market for oil is characterised by the following demand and supply functions:

United

Rest of world (RoW)  $Q^D = 8.000 - 40P$  $Q^{S} = 80P$ 

Q) is in million barrels. D is demand. S is supply. Price (P) is ade. Both markets are competitive.  $P, Q \ge 0$ . There are no barriers

- a) If there are no transaction costs, calculate the equilibrium oil price and the quantity of oil that will be traced between the US and the RoW. In which direction will the trade flow? [8 marks]
- b) If the transaction that the transaction of the t the equilibrium oil prices in both the US and the RoW. [8 marks]
- c) What is the play of the price in consider? Explain whethen your above results are consistent with this law. [4 marks]

QQ: 749389476 END OF EXAMINATION

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