程序代写代做 CS编程辅导



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Assignment Project Exam Help

Economics of Corporate Finance

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https://tutorcs.com

Answer any 3 questions out of 4. All questions are worth equal marks.

Materials to be supplied on request: None.

Approved calculators are permitted.

This is an open book exam.

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Question 1 程序代写代做 CS编程辅导

- (a) Suppose ther which have markets, no taxes, and no bankruptcy. Suppose also that you (and other outside investors) can perfectly observe the effort exerted by the entrepreneurs of the two firms, and you can write a contract specifying the effort you want the entrepreneurs there. It is the large of each firm affect its market value? Explain your answer. (30% of the marks)
- (b) Suppose now you and other outside investors cannot observe the effort exerted by the entrepreneurs of the two firms. In case of a low return, the project undertaken by the entrepreneur of each firm yields $R^F > 0$. Does the amount of leverage of each firm affect its market value? If we, is there an optimal amount of debt to be issued? Explain. (40% of the marks)
- (c) Let us continue with the framework described in point (b) above. Unlike point (b), suppose now that in case of a low reach, the project undertaken by the entrepreneur of each firm yields $R^F = 0$. Does the amount of leverage of each firm affect its market value? If yes, is there an optimal amount of debt to be issued? Explain. (30% of the marks) https://tutorcs.com

Question 2 程序代写代做 CS编程辅导

An entrepreneur has to finance a project of fixed size I. The entrepreneur has "cash-on-hand" pject, the entrepreneur (that is, the borrower) must A, where A < I. n, the project either succeeds, in which case it yields borrow I - A from it delivers a zero return. The probability of success a return R>0, or repreneur: if the entrepreneur exerts high effort, the depends on the effect probability of succ the entrepreneur exerts low effort, the probability of $p_L > 0$. If the entrepreneur exerts low effort, she success is equal to also obtains a private benefit b, while there is no private benefit when the entrepreneur exerts high effort. Define as R_b the amount of profit going to the entrepreneur, and as R_l the amount of profit going to the lenders in case of success, where $R = R_b + R_l$. We assume both players obtain zero in ease the project fails. All the players are risk neutral and there is limited liability for the entrepreneur. Lenders behave competitively, and both entrepreneur and lenders receive zero if the project fails. Assignment Project Exam He

- (a) Write down the "break-even constraint" for the lenders assuming that the entrepreneur exerts high effort. (10% of the marks)
- (b) Write down the marker's tultorices marked in (a_b, b_b) and derive the minimum level of R_b such that the entrepreneur exerts high effort. (10% of the marks)
- (c) Compute the minimum level of cash-on-hand A the entrepreneur must have to be financed. (10% of the marks)
- (d) Suppose there is a sport entrement who Sasthe positive of investing in a separate project that also costs I. The project yields a return R > 0 in case of success, and a return equal to zero in case of failure. The probability of success is p_H (p_L , respectively) if the second entrepreneur exerts high effort (low effort, respectively). The projects of the two entrepreneurs are independent; that is, the return of each project is independent of the return of the other project. Like the initial entrepreneur, the second entrepreneur has "cash-in-hand" A, and obtains a private benefit B > 0 if he exerts low effort.

Suppose $A < \overline{A}$ (for both entrepreneurs). Suppose also each entrepreneur puts weight $a \in [0,1]$ on the other entrepreneur's income (relative to her own income). Consider the case of "group lending": each entrepreneur receives a payment R_b if both entrepreneurs succeed, and receives zero otherwise.

Write down the entrepreneur's "Incentive Compatibility Constraint" (IC_b) and derive the minimum level of R_b such that the entrepreneur exerts high effort when he/she believes the other entrepreneur exerts high effort too. (20% of the marks)

- (e) Determine the highest monie that each enterpreneur cause of the length of the down the "break-even constraint" for the lenders (IR_l) assuming both entrepreneurs exert high effort. Does group lending always enable financing when $A < \overline{A}$? Explain. (20% of the \overline{A}) and \overline{A} are \overline{A} .
- (f) Let us contine that $A < \overline{A}$ (which is the first of the contine that $A < \overline{A}$ (which is the contine

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Question 3 程序代写代做 CS编程辅导

An entrepreneur has to finance a project of fixed size I. The entrepreneur has no cash-onct, the entrepreneur must borrow I from lenders. If hand (A=0). To in which case it yields a return R > 0, or fails, in undertaken, the pr which case it delive entrepreneur (borrower) can be one of two types. A "good" borrower h \blacksquare ccess equal to p. A "bad" borrower has a probability of success equal to e as R_b the borrower's level of compensation when the players are risk neutral and there is limited liability project is financed petitively, and both borrower and lenders receive zero for the borrower. I if the project fails.

Assume pR > I > WeChat: cstutorcs

- (a) Suppose first that lenders have complete knowledge of the borrower's type. Write down the lenders' break-even constraint when the borrower is (i) "good" or (ii) "bad". (10% of the mark ASSIGNMENT Project Exam Help
- (b) What is the highest level of compensation each type of borrower can obtain? (10% of the marks) Email: tutorcs@163.com
- (c) Suppose now that lenders cannot observe the borrower's type. Lenders believe the borrower is "good" with probability α , and "bad" with probability $1-\alpha$. Comment on the effect of symmetric information of the compensation the two types of borrower, and (ii) if a loan is granted, on the compensation the two types of borrower obtain from undertaking the project. (20% of the marks)
- (d) Consider now the Last which the condition of the good borrower is interested in *separating* herself from the bad one. How much of her wealth A is the "good" borrower willing to invest? Show your work and explain. (40% of the marks)
- (e) In a *separating* equilibrium, when the project is financed, what is the lowest amount that the outside investors obtain in case of success? Show your work. (20% of the marks)

Question 4 程序代写代做 CS编程辅导

Consider a firm run by an "incumbent" manager. Suppose the incumbent manager has the opportunity to inverse projects, Project 1 or Project 2. The incumbent manager has a high project 1 rather than Project 2. Also, if the incumbent is fired a suppose the investigation of the investigation of the suppose the suppose the investigation of the suppose th

Suppose the investment is made. Also, assume the incumbent manager has a stake in the firm she runs, but she does not fully control it.

- (a) Suppose none of the trojects to Sthart Tirst utility. According to Shleifer and Vishny (1989), which of the two projects should the incumbent manager choose? What is the economic rationale behind this choice? Explain. (20% of the marks)
- (b) Suppose the incumbent manager chooses the size of the investment in her preferred project. Do you expect the manager to select the investment size that maximizes the firm's market value? If not, does the manager over-invest or under-invest with respect to the efficient investment size: Explain your answer. (30% of the marks)
- (c) Suppose now that the incumbent manager and the "alternative" manager have the same ability in manager Project 14W consider the date in which the manager owns a positive fraction $\theta \in (0,1)$ of the shares of the company, but she does not fully control it (that is, $\theta < 1$). Does the incumbent manager select the investment size that maximizes the firm's market value Isnot, does the manager overingst or under-invest with respect to the efficient investment size? Show your work and explain your answer. (50% of the marks)