

國立中正大學
112 學年度碩士班招生考試
試題

[第 2 節]

科目名稱	醫務管理
系所組別	資訊管理學系醫療資訊管理

—作答注意事項—

※作答前請先核對「試題」、「試卷」與「准考證」之系所組別、科目名稱是否相符。

1. 預備鈴響時即可入場，但至考試開始鈴響前，不得翻閱試題，並不得書寫、畫記、作答。
2. 考試開始鈴響時，即可開始作答；考試結束鈴響畢，應即停止作答。
3. 入場後於考試開始 40 分鐘內不得離場。
4. 全部答題均須在試卷（答案卷）作答區內完成。
5. 試卷作答限用藍色或黑色筆（含鉛筆）書寫。
6. 試題須隨試卷繳還。

國立中正大學 112 學年度碩士班招生考試試題

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系所組別：資訊管理學系醫療資訊管理

1. For physician fee in many hospitals, there are several ways to pay, like a. fixed salary system, b. guaranteed salary (保證薪) (generally used for doctors just being recruited to a hospital), c. fee-for-cases (論件計酬), and d. fee-for-quantity (論量計酬). What is the idea behind each of the above-mentioned physician fee payment ways? (20 points)

2. Since the epidemic coronavirus-19 can spread over the countries, the interchange of global patient record may be needed to alarm the border inspector to take some measures, like isolation, enforced checking, etc. to prevent the plague outbreaks. What the mechanisms are needed to achieve the interchange of global patient record, including the software and hardware. (20 points)

3. The following is the description of UD (Unit dose) for the inpatients in some hospital. The basic involved actors are pharmacy, medicine packing machine, nursing station, inpatient, and doctors. You can add some others if involved.

Normally, the UD, extracted from standing order, is packed and sent to nursing station once a day in the evening, covering one day's medicine from this evening to next evening for an inpatient. Several exceptional conditions may occur; one is that the doctor changes the order after the UD is packed (the UD-medicine is returned back and stat-medicine is dispatched instead); the second is that the inpatient is admitted but after the delivery time of UD; then a stat-order is served instead until the next UD comes; the third exception (in most hospitals) occurs when the date to deliver the UD is one day before a holiday. In such exception, the UD will be packed for several days to reduce the loading of dispatcher and pharmacists.

To adhere the patient safety, please find the possible errors (or malpractice) in the above three exception processes and their prevention mechanism against the possible errors. (20 points)

4. The payment system of NHI (National healthcare insurance) evolves from the fee-for-service to a variety of payment ways to face the increase of service costs, including a. case payment, b. Diagnosis related group (DRG), c. hospital-based budget (醫院總額), d. region-base budget (區域總額), e. global budget, f. fee-for-quality, g. reasonable outpatient amount (合理門診量). Please describe the target of the above payment ways that intends to enhance. (20 points)

5. The following indexes are listed in Taiwan Clinical Performance Indicator, TCPI. Suppose they go worse recently, how would you do to remedy them? (20 points)

- a. Unplanned return to intensive care unit (ICU) within 24 hours
- b. endotracheal tube (氣管) reinsertion rate within 24 hours
- c. infection in Surgical site