

系所組別： 臨床藥學研究所甲組

考試科目： 調劑學

考試日期： 0308 · 節次： 1

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1. Give the generic name and therapeutic uses of the following products (每題二分，三十分).

- (1) Ativan
- (2) Avelox
- (3) Clarinase
- (4) Diamicron
- (5) Glivec
- (6) Herbesser
- (7) Lamictal
- (8) Mepem
- (9) Mesyrel
- (10) Novonorm
- (11) Plavix
- (12) Serevent
- (13) Tazocin
- (14) Stilnox
- (15) Zyprexa

2. For each drug in column A, match the most relevant side effect from column B. (每題一分，十分)

A	B
(1) ACE inhibitors	A. Esophagitis
(2) Alendronate	B. Fluid retention
(3) Amiodarone	C. Gingival bleeding
(4) Cyclosporine	D. Hepatotoxicity
(5) Ethambutol	E. Hyperkalemia
(6) Imipramine	F. Hyperthyroidism
(7) Isoniazid	G. Lactic acidosis
(8) Metformin	H. Nephrotoxicity
(9) Olanzapine	I. Optic neuritis
(10) Warfarin	J. Pseudomembranous colitis
	K. Urinary retention
	L. Weight gain

(背面仍有題目,請繼續作答)

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3. Explain the meaning of the following abbreviations commonly used in medical treatment and pharmacy practice: (每題二分，二十分)

- (1) INR
- (2) HbA1c
- (3) CK-MB
- (4) ALT
- (5) BUN
- (6) COPD
- (7) TPN
- (8) CPOE
- (9) MDI
- (10) POMR

4. Explain "Direct Observation Therapy" and its objective. (五分)
5. Explain "Evidence Based Medicine" and its significance in clinical practice. (五分)
6. Describe the operating procedures and strategies, which may improve dispensing accuracy. (十分)
7. What is the pharmacist's responsibility in extemporaneous prescription compounding? (五分)
8. According to the following paragraph, elaborate the significant benefits from providing counseling to patients by pharmacists. (十五分)

Communicating with patients about their medications provides significant benefits to both the patient and the pharmacist. The patient will have a better understanding of the purpose for the prescribed therapy and the appropriate use of the medication. This lead to several potential benefits:

- Improved therapeutic outcomes and decreased adverse effects
- Improved patient adherence to the treatment plan
- Decreased medication errors and misuse
- Enhanced patient self-management by involving the patient in designing the therapeutic plan

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- Potential for decreased health care costs due to appropriate use of medications and prevention of adverse events

The pharmacist also benefits in the process. Potential benefits to the pharmacist in this process include:

- Enhanced professional status in the view of patients and other health care providers
- Establishment of an essential component of patient care that can not be replaced by technicians or automation
- Enhanced job satisfaction through improving patient outcomes
- A value-added service to offer patients
- Revenue generation through payment for counseling services

It is expected that, as a result of a properly conducted counseling interaction, the patient will:

- Recognize why a prescribed medication is helpful for maintaining or promoting well-being
- Accept the support from the health care professional in establishing a working relationship and foundation for continual interaction and consultation
- Develop the ability to make more appropriate medication-related decisions concerning compliance or adherence
- Improve coping strategies to deal with medication side effects and drug interactions
- Become a more informed, efficient, active participant in disease treatment and self-care management
- Show motivation toward taking medications to improve his or her health status