

Mark scored:

KATHMANDU UNIVERSITY  
End Semester Examination  
July/August, 2018

Level : B. Pharm.

Year : IV

Exam Roll No. :

Time: 30 mins.

Course : PHAR 411

Semester: II

F. M. : 20

Registration No.:

Date **JUL 22 2018**

SECTION "A"

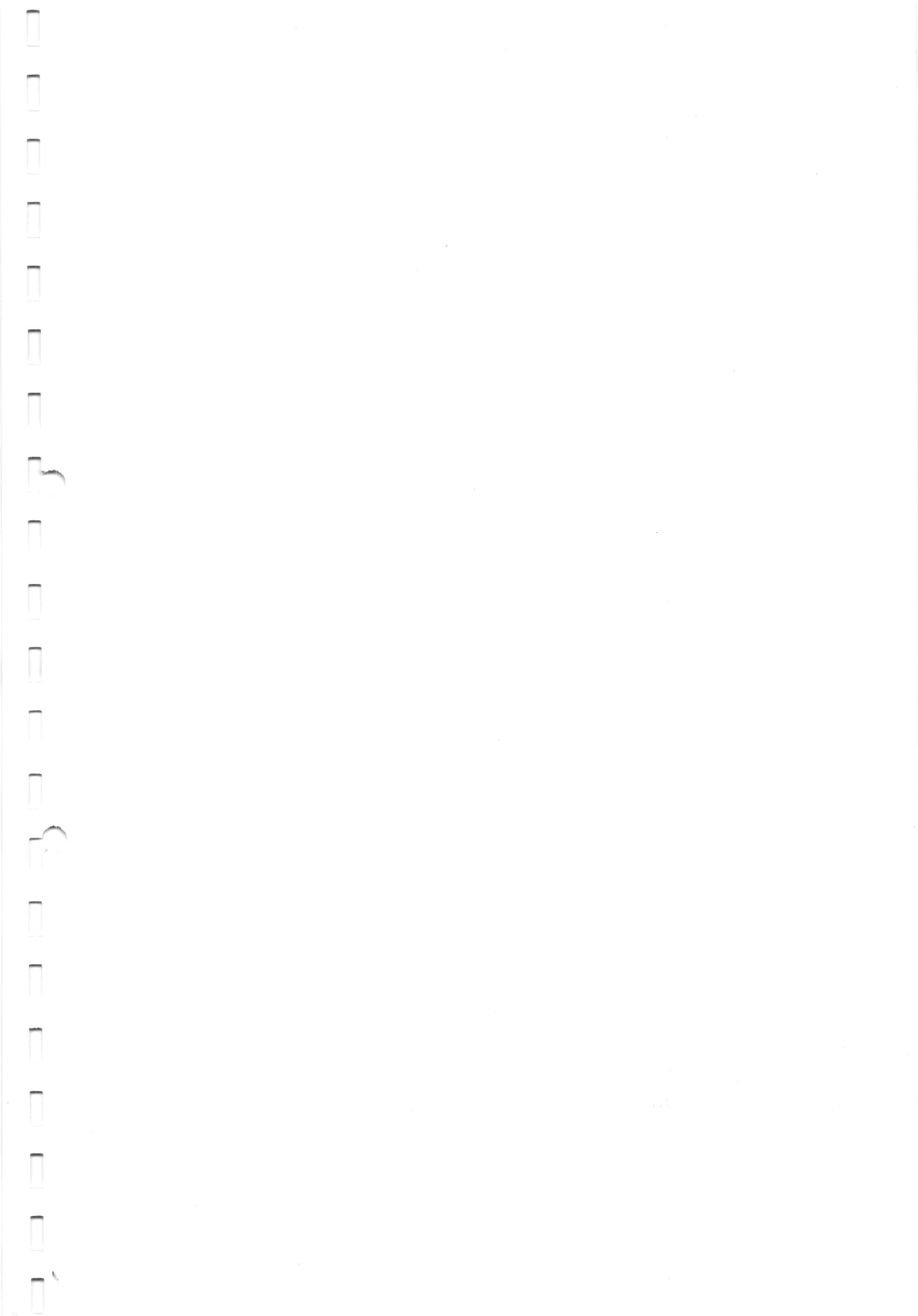
[20 Q × 1 = 20 marks]

Tick [✓] the correct answer.

- Which one of the following statements on "Counseling" is correct?  
[a] Counselling is very similar to lecture  
[b] As such counseling can be done in any way  
[c] A busy setting is a barrier to effective communication  
[d] Patients should not be given the opportunity to ask questions
- Nepal Pharmaceutical Association (NPA) was established in .....B.S  
[a] 2020                      [b] 2028                      [c] 2036                      [d] 2044
- Which one of the following about "penetration pricing" is correct?  
[a] Involves setting prices that are high relative to most purchaser's willingness to pay  
[b] Involves determining the rupee value benefit for the purchaser and pricing toward that rupee amount.  
[c] Involves determining the costs involved in making and delivering the product, including operational costs, and adding a "fair" amount above that.  
[d] None of the above
- The full form of ASHP is.....  
[a] Asian System of Health System Pharmacist  
[b] African System of Health System Pharmacist  
[c] American System of Health System Pharmacist  
[d] Australian System of Health System Pharmacist
- Which one of the following comes under secondary source of Information?  
[a] Advertisement      [b] Abstract                      [c] Review article      [d] Abstracting system
- Which one of the following dose for paclitaxel is incorrect?  
[a] 135–165 mg/m<sup>2</sup> per 24-h infusion                      [b] 165 mg/m<sup>2</sup> per 3-h infusion  
[c] 140 mg/m<sup>2</sup> per 96-h infusion                      [d] All of the above
- Which one of the following statement about "community pharmacy management" is incorrect?  
[a] A good manager will be a good communicator.  
[b] Managers must possess skills like technical, interpersonal, and conceptual.  
[c] Unsuccessful organizations recognize the true source of their long-term competition advantage is their people.  
[d] None of the above

8. Omeprazole should be taken in an empty stomach. Which of the following reasons is incorrect?
- [a] It comes in enteric coated form
  - [b] The presence of food will degrade the drug
  - [c] Omeprazole is absorbed in stomach
  - [d] When taken in an empty stomach the drug will reach its site of absorption faster
9. Which one of the following statement on "Prime vendor relationship (PVR)" and "restricted distribution program (RDP)" is incorrect?
- [a] In PVR, the wholesaler provides discounts to the pharmacy in exchange for guarantee in sales.
  - [b] PVR is an agreement with a wholesale that states the pharmacy will purchase a set quantity or rupee amount of pharmaceuticals
  - [c] RDP is a program wherein pharmaceuticals can be purchased only from the manufacturer or a designated pharmacy
  - [d] RDP programs are usually developed for drugs that doesn't require extensive monitoring or patient education due to safety concerns
10. Bacterial endotoxins are detected by
- [a] Toxicity test
  - [b] LAL Test
  - [c] Sterility test
  - [d] Rabbit pyrogen test
11. Which one of the following statements on "Malnutrition and outcome" is incorrect?
- [a] In a non-obese patient a recent loss of more than 10% of the body weight increases perioperative risk
  - [b] A weight loss of more than 10% may be life threatening in combination with surgery
  - [c] A weight loss of more than 30% is life-threatening in itself
  - [d] In a non-obese patient a recent loss of more than 10% of the body weight increases and impaired recovery illness
12. Dialysis membranes are ..... disposable membranes made of ..... or polycarbonate materials.
- [a] sterile, polyvinyl alcohol
  - [b] non-sterile, polyvinyl alcohol
  - [c] Sterile, Cellulose
  - [d] None of the above
13. The meaning of Lean start up in business is .....
- [a] Spending as little money as we can.
  - [b] Optimum use of money and minimizing waste
  - [c] Maximum use of money to generate maximum profit.
  - [d] Unplanned investment but being able to generate more profit ever
14. The meaning of turn over and stock turn is ..... and .....respectively.
- [a] Goods that have been sold for cash , the ratio of sales divided by stocks.
  - [b] Goods that have been sold in some form of contractual obligation where cash will ultimately be generated , cost of goods sold/ average stock at cost.
  - [c] Goods that have been sold for cash or sold in some form of contractual obligation where cash will ultimately be generated , cost of goods sold/ average stock at cost.
  - [d] Only b and c
15. Which one is the term related to the search in computerized databases like Pubmed?
- [a] limits
  - [b] Boolean operator
  - [c] Keywords
  - [d] All of the above

16. Main elements of good pharmacy practice does not include.....
- [a] Good health prevention
  - [b] Supply and the use of prescribed medicines and other healthcare products
  - [c] Self-care
  - [d] Motivating patients for healthy lifestyle
17. Which statement on screening job applicants and planning for interview is incorrect?
- [a] Start with the job description
  - [b] Develop a criteria chart
  - [c] Do not write interview questions in advance
  - [d] Watch for red flags and note questions
18. Choose the preservative whose use is in more than 60 % of eye drops.
- [a] Chlorhexidine acetate
  - [b] Phenyl mercuric chloride
  - [c] Benzalkonium chloride
  - [d] None of the above
19. Which of the following statements on the use of I-131 Sodium Iodide for treatment of hyperthyroidism or thyroid cancer is incorrect.
- [a] Partial destruction : 140 to 370 MBq (4 to 10 mCi)
  - [b] Total destruction : 3700 to 5550 MBq (100 to 150 mCi)
  - [c] diagnostic purpose : less than 1 MBq (a few microcuries)
  - [d] None of the above
20. Which statement on terminal sterilization is true?
- [a] The environmental quality here is as same as in non-terminal sterilization
  - [b] The WFI if used as vehicle may not be sterile
  - [c] Injections may be handled even in grey area
  - [d] Product may be handled in Class I vertical Laminar Airflow cabinet



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SECTION "A"  
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Check (✓) the correct answer of the following multiple choice questions:

1. The most dangerous to give medicines is to:  
a. Infant                      b. Crawler                      c. Toddler                      d. Adolescent
2. The most commonly occurring variant in the human genome is:  
a. Single nucleotide polymorphism                      b. Tandem repeat polymorphism  
c. Nucleotide base deletion                      d. Nucleotide base insertion
3. .... is not the criterion of therapeutic drug monitoring (TDM).  
a. Narrow therapeutic window  
b. Interindividual drug response variation  
c. No relation on plasma drug concentration and drug response  
d. Direct relation between plasma drug concentration and Drug response.
4. Age associated changes in pharmacokinetics include:  
a. Reduction in creatinine clearance in 2/3 population  
b. Decreased body fat  
c. Increase body water  
d. A greater reduction in conjugation compared with oxidation
5. Reference level for blood urea nitrogen is:  
a. 5-40mg/dL                      b. 8-20mg/dL                      c. 50-100mg/dL                      d. 60-90mg/dL
6. Use of N-acetylcysteine is based on the goal of:  
a. Inhibiting absorption                      b. Increasing drug elimination  
c. Inactivating a toxic metabolite                      d. Decreasing receptor binding
7. Syndrome characterized by high blood calcium and metabolic alkalosis:  
a. Serotonin syndrome                      b. Milk-alkali syndrome  
c. Electrolyte syndrome                      d. calcium syndrome
8. Drug A forms chelates or complexes with drug B and prevents its absorption is a  
a. Pharmacokinetic interaction                      b. Pharmacodynamic interaction  
c. Toxicokinetic interaction                      d. Toxicodynamic interaction



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