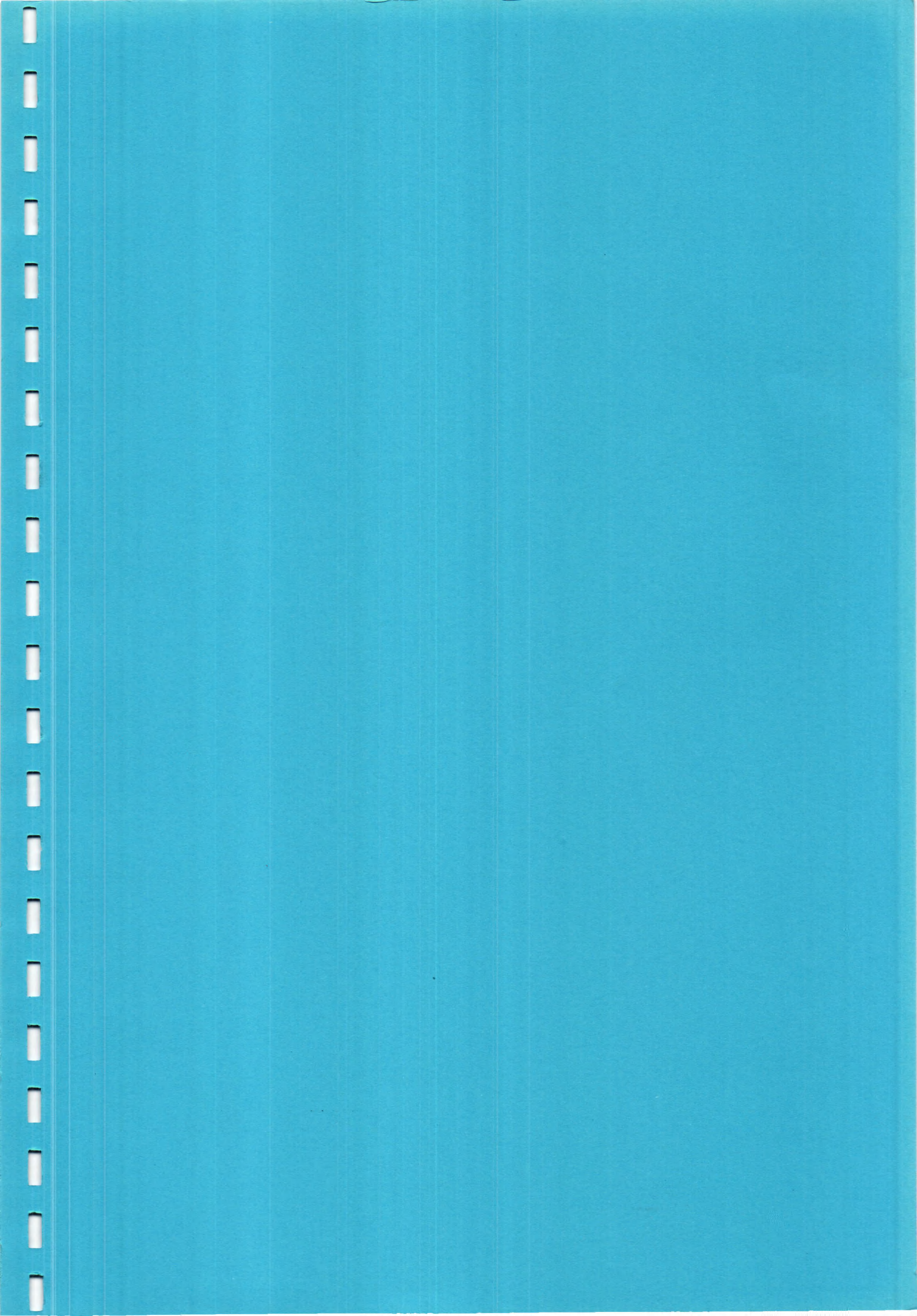


KATHMANDU UNIVERSITY
End Semester Examination
July/August, 2019

Mark scored:

Level : B. Pharm.
Year : IV

Course : PHAR 411
Semester : II



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Exam Roll No. :

Time: 30 mins.

F. M. : 20

Registration No.:

Date :

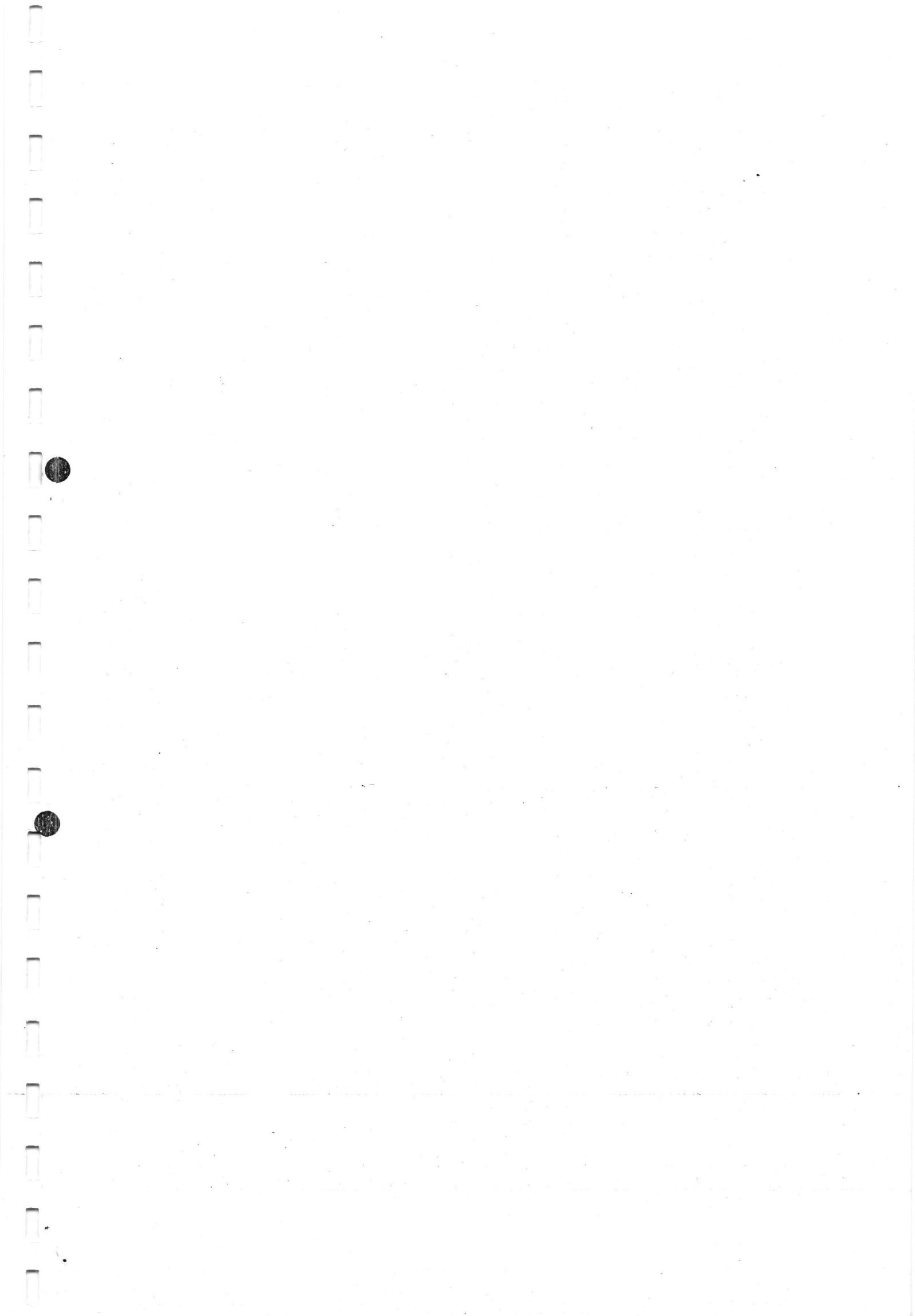
SECTION "A"

[20 Q × 1 = 20 marks]

Tick [✓] the correct answer.

1. Which one of the following is not the responsibility of poison information center?
[a] Toxicovigilance
[b] Conduction of educational program for healthcare professionals
[c] Patient management
[d] None of the above
2. Patient medication records should include all except
[a] medication allergies [b] diagnosis
[c] current medication therapy [d] pets kept at home
3. Which of the following statement on e minor ailments is right?
[a] Minor ailments can be responded legally by Pharmacist.
[b] It is self-limiting in nature.
[c] It can continue for longer duration.
[d] Sometimes it can even take life.
4. The full form of NCDA and GPAN is
[a] Nutraceuticals companies Drug Authority, Group of Pharmacists' of Ancient Nepal
[b] Nepal Chemist and Druggist association, Graduate Pharmacist Association of Nepal
[c] Nepalese consumer and Drug Authority, Gene, Pharmaceutical And Nutraceuticals
[d] Nepal Commodity and Drug Authority, Great Pharmaceutical Association of Nepal
5. Which one of the following doesn't come under primary source of Information?
[a] Text book [b] Abstract [c] Review article [d] Advertisement
6. Which one of the following statements about counseling is incorrect?
[a] Good communication demands effort, thought, time, and a willingness to learn how to make the process effective
[b] Many people may find talking to strangers difficult. Those type of person can still have good counseling skill.
[c] All the people who are able to talk at length can become a good counselor.
[d] The extent to which patients should be told about side effects will vary from one patient to another.
7. The intravenous route is widely used to administer parenteral products, but it must not be used to administer Emulsion or suspensions.
[a] oil-in-water [b] water-in-oil
[c] Oil-in-water-in oil [d] both b and c

15. The formula for calculating body surface area is.....
- [a] $\text{weight (kg)}^{0.300} \times \text{Height (cm)}^{0.795} \times 0.007184$
 - [b] $\text{weight (kg)}^{0.425} \times \text{Height (cm)}^{0.795} \times 0.007184$
 - [c] $\text{weight (kg)}^{0.425} \times \text{Height (cm)}^{0.725} \times 0.007184$
 - [d] $\text{weight (kg)}^{0.495} \times \text{Height (cm)}^{0.795} \times 0.007184$
16. Which one of the statements on Balance Sheet is incorrect?
- [a] a statement of the overall financial position of the business at a certain instant in time.
 - [b] It shows, in financial terms, the possessions of the firm-the assets on one side and the claims of various parties to these assets (known as liabilities) on the other.
 - [c] Creditors is a component of Liabilities
 - [d] Cash at bank is a component of Liabilities
17. All types of peritoneal dialysis use machine except
- [a] IPD
 - [b] APD
 - [c] CAPD
 - [d] None of the above
18. Pick out the parenteral route of medicinal agent administration:
- [a] Rectal
 - [b] Sublingual
 - [c] Inhalation
 - [d] All are parenteral route
19. Which statement about depyrogenation is incorrect?
- [a] Process of elimination of all pyrogens from product, solutions and equipment
 - [b] It can be achieved by removal of pyrogens
 - [c] It can also be achieved by inactivation of pyrogens
 - [d] All of the above
20. Dextrose 25 % provides kcal/1000 ml.
- [a] 100
 - [b] 200
 - [c] 300
 - [d] 400



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Indicate by checking (✓) of each question you have answered in the cover page of main answer book.

SECTION "B"

[5Q. × 3 = 15 marks]

Answer *ANY FIVE* of the following questions.

1. Define: a. Class II BSC
b. Stock Turn
c. Prime Vendor Relationship
2. Identify the similarities and dissimilarities between Concordance model 1 and 2.
3. List down the elements of communication skills.
4. Outline a schematic diagram of Pharmaceutical Purchasing process.
5. Mention the complications of total parenteral nutrition.
6. Mention the risks involved for healthcare personnel's handling anticancer chemotherapy.
7. Draw a model of related elements in management in community Pharmacy.

SECTION "C"

[5Q. × 5 = 25 marks]

Answer *ANY FIVE* of the following questions.

8. List down types of air flow patterns. Which one is frequently used and why? Mention the limits for microbial contamination of an operating clean room of all grades.
9. What are the points that need to be considered when developing a comprehensive and up-to-date job description? How staff retention benefits the organization?
10. Define parenteral products. What are the indications for TPN? Mention the daily requirement of carbohydrate, fats and protein for different conditions of a person.
11. List down the SOP for preparing cytotoxic drugs.
12. You want to establish a drug information centre in Nepal. What are the prerequisites? Will similar facilities and resources work for poison information centre too? Give reasons.
13. Eye is a very sensitive organ. As a responsible Pharmacist mention the points you would consider in the formulating an eye drop.

14. Explain about the different measures that are done in order to minimize contaminants in Pharmaceutical industry.

SECTION "D"

[2Q. × 7.5 = 15 marks]

Answer *ANY TWO* of the following questions.

15. Discuss on compliance aids and its necessity to the Nepalese population.
16. What do you understand by "Specialized services from Hospital Pharmacy"? Mention them and discuss on their potential for creating job opportunities to the Pharmacist in Nepal.
17. "Responding to symptoms" is one of the clinical roles of community Pharmacist? What are the factors to be considered while responding to symptoms? Does the approach for responding to the symptoms of children and elderly differ? Justify.