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**2021**

**B.Pharm. 7<sup>th</sup> Semester (Regular) Examination**

**PHARMACY PRACTICE - THEORY**

**(New Regulation)**

**(w.e.f. 2017 - 2018)**

Full Marks - 75

Time - Three hours

The figures in the margin indicate full marks for the questions.

1. Answer all the questions : (20 × 1 = 20)
- (i) The number of pharmacist required in a 500 bedded hospital \_\_\_\_\_.
- (a) 5 (b) 2  
(c) 15 (d) 10
- (ii) The licenses granted to person who have the premise for the business and who engage the services of a qualified person to supervise the sale of the drugs is
- (a) Restricted License (b) General License  
(c) Open License (d) None of these
- (iii) Which one of the following is not a type of Drug Store?
- (a) Traditional Drug Store (b) Pharmaceutical Centre  
(c) Personal Service Drug Stores (d) Dispensary
- (iv) The requirements to fulfill a modern drug store is mention in \_\_\_\_\_ of Drugs and Cosmetics Act.
- (a) Schedule N (b) Schedule K  
(c) Schedule O (d) Schedule M

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- (v) The method adopted by nurses to verify the availability of medicines in all rooms is
- (a) Hospital Stock Form                      (b) Ward Stock Form  
(c) Store Stock Form                         (d) All of the above
- (vi) \_\_\_\_\_ is responsible for the purchase, storage, accountability and proper dispensing of controlled drugs in hospital.
- (a) Nurse                                         (b) Administration Head  
(c) Dispensing Chemist                      (d) None of the above
- (vii) A type of allergic reaction that involves formation of specific IgE antibodies is
- (a) Prophylaxis                                 (b) Anaphylaxis  
(c) Metaphylaxis                               (d) Ectophylaxis
- (viii) Therapeutic Drug Monitoring is affected by
- (a) Pharmacodynamic Variability  
(b) Pharmacokinetic Variability  
(c) Pharmacological Activity  
(d) Thermodynamics
- (ix) Which of the following is not a member of the PTC ?
- (a) Nurse                                         (b) Pharmacist  
(c) Hospital Administration                 (d) Physiotherapist
- (x) During patient counselling a pharmacist should avoid
- (a) Passing moral judgments  
(b) Listening carefully to the patient  
(c) Making the patient comfortable  
(d) None of the above
- (xi) Which of the following is not in the role of pharmacist in community health education?
- (a) Monitoring of drug utilization  
(b) Health Promotion  
(c) Processing Prescriptions  
(d) Manufacturing of medicines



- (xii) OTC drugs consist of the following except
- (a) Analgesics
  - (b) Cardiotonics
  - (c) Skin Treatment
  - (d) Vitamins
- (xiii) According to IP the term "cold" indicates which of the following
- (a) Temperature between 8 to 15
  - (b) Temperature between -25 to -10
  - (c) Temperature between -10 to 0
  - (d) Temperature between 2 to 8
- (xiv) Which of these is not a part of the hospital training program?
- (a) Mock drills
  - (b) On job training
  - (c) Training during rotation of staff
  - (d) Dispensing in community
- (xv) In purchasing of pharmaceuticals six R's doesn't include
- (a) Right Time
  - (b) Right Place
  - (c) Right Quantity
  - (d) Right Communication
- (xvi) In case of Investigation Drug, drugs used only by hospitals under supervision with specific procedures comes under
- (a) Class A
  - (b) Class B
  - (c) Class C
  - (d) Class D
- (xvii) Which one of the following is not associated with Inventory Management?
- (a) SOS
  - (b) SDE
  - (c) VDE
  - (d) VED
- (xviii) \_\_\_\_\_ refers to inherent peculiarity of individual with usual response to drugs.
- (a) Autobiopsy
  - (b) Idiosyncrasy
  - (c) Photosensitivity
  - (d) Intolerance
- (xix) The license for restricted sale of drugs are for those drugs not specified in
- (a) Schedule M
  - (b) Schedule X
  - (c) Schedule O
  - (d) Schedule H
- (xx) Oral Anti-coagulant(warfarin) interacting with NSAID's will cause
- (a) Profound hypotension
  - (b) Enhances the effects of warfarin
  - (c) Increases CNS depressant
  - (d) None of the above



2. Answer any seven :

- (a) Classify hospital. Write down the organizational structure of a hospital. (2.5 + 2.5 = 5)
- (b) What is therapeutic drug monitoring? What are the factors to be considered during therapeutic drug monitoring? (1 + 4 = 5)
- (c) What is Pharmacy and therapeutic committee? Enumerate the organization and roll of PTC. (1 + 4 = 5)
- (d) Write a note on drug and poison information service. (5)
- (e) What is the importance of creatinine analysis and HbA1C test? (2.5 + 2.5 = 5)
- (f) Enumerate the responsibilities and function of a clinical pharmacist. (5)
- (g) Mention the structure layout of retail and wholesale drug store. What are the legal requirements for establishment of a drug store? (2.5 + 2.5 = 5)
- (h) Write a brief note on hospital formulary. (5)
- (i) Explain the role of pharmacist in education and various training program in the hospital. (5)

3. Answer any two :

- (a) Classify Adverse Drug Reaction and explain in details with examples. (10)
- (b) What do you mean by patient counselling? Explain the various steps involved in patient counselling. (2 + 8 = 10)
- (c) Explain the causes of medication non adherence? Describe the role of pharmacist in medication adherence. (4 + 6 = 10)