

22/04/2021

Total No. of printed pages = 3

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Roll No. of candidate

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2021

B.Pharm. 7th Semester (Repeater) Examination

Elective — PHARMACY PRACTICE

(Old Regulation)

Full Marks – 100

Time – Three hours

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

Answer question No. 1 and any *six* from the rest.

1. Answer the following : (10 × 1 = 10)
- (i) What is the possible antidote for poisoning by atropine
- (a) Ethanol
(b) Protamine Sulphate
(c) Physostigmine
(d) Flumazenil
- (ii) Which of the following Medical organization in India started the first Drugs Information services?
- (a) CMC, Vellore
(b) AIIMS, New Delhi
(c) GMCH, Guwahati
(d) Apollo Hospitals, Chennai
- (iii) First WHO model list of essential drug was published in?
- (a) 1976 (b) 1987
(c) 1975 (d) 1977

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- (iv) Polypharmacy is _____
- (a) Use of too many medicines in a single patient
 - (b) Using different pharmacy to purchase medicines
 - (c) Consulting with too many doctors
 - (d) None of the above
- (v) Phase IV clinical trial comes under
- (a) Pharmacovigilance
 - (b) Pharmacoepidemiology
 - (c) Pharmacoeconomics
 - (d) ADR
- (vi) Fix dose combination lead to irrational drug use
- (a) Always
 - (b) Never
 - (c) Sometimes
 - (d) None of the above
- (vii) Codeine is used as
- (a) General Anesthetics
 - (b) Opioid Analgesics
 - (c) Local anesthetics
 - (d) Anti-bacterial
- (viii) What consequences may happen if antibiotic is prescribed in common cold?
- (a) Antibiotic induced diarrhoea
 - (b) Severe toxicity
 - (c) Resistance of antibiotic
 - (d) None of the above
- (ix) DDD system of drug classification mean
- (a) Defined Day Dosing
 - (b) Defined Daily Dose
 - (c) Definite Design Dose
 - (d) None of the above
- (x) Among the following which drug need TDM
- (a) Amoxicilin
 - (b) Lithium Carbonate
 - (c) Ciprofloxacin
 - (d) Norfloxacin

2. (a) What is patient counselling? Explain the various requirements of an effective patient counsellor. (2+3)
- (b) Enumerate and describe the various steps to achieve the goal of fruitful patient counselling. (10)
3. (a) What do you mean by rational use of drugs? Mention the steps of rational drug use and explain them in details. (2+5)
- (b) Give some examples of irrational drug use. How the irrational drug use can be monitored? (3+5)
4. What is Adverse Drug Reaction? What are the types of ADRs? Describe some ADRs with examples. (4+5+6)
5. (a) Write in brief the role and responsibilities of pharmacist in taking care of prescribing errors and in the promotion of rational use of drugs. (10)
- (b) Write in brief the emergency treatment of poisoning. (5)
6. (a) Define therapeutic drug monitoring (TDM). Describe in details the factors affecting TDM and the drugs which required assessing for TDM. Enumerate the various assay methodologies which are used to evaluate the drugs for TDM. (1+5+3)
- (b) Define Pharmacoepidemiology. What are the advantages and disadvantages Pharmacoepidemiological studies? (1+5)
7. What are the different public health policies in the health care system in India? Give a brief overview on Immunization Program and immunization schedule in India. (8+7)
8. Explain in details about the criteria for selection, procurement of essential drugs. Write a short note on Essential Medical List. (7+8)
9. Write short notes on : (5+5+5=15)
- (a) Self medication
- (b) Over The Counter(OTC) drugs
- (c) Radiopharmaceuticals and its applications.