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2019

B.Pharm. 7th Semester End-Term Examination

PHARMACY PRACTICE

(Elective)

(Old Regulation)

Full Marks – 100

Time – Three hours

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

SECTION A

I. (MCQ Objective questions) Answer ALL questions.  
(10 × 1 = 10)

1. (i) The first National health policy of India was established in which year?

(a) 1982 (b) 1983

(c) 1984 (d) 1986

(ii) What is the possible antidote for poisoning by atropine?

(a) Ethanol

(b) Protamine sulphate

(c) Physostigmine

(d) Flumazenil

[Turn over

- (iii) 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
- (iv) Name the therapy that is used to treat heavy metal poisoning
- (a) Chelation therapy
  - (b) Oxidation therapy
  - (c) Chemotherapy
  - (d) UV treatment therapy
- (v) Sub-centre is the foremost contact point between the \_\_\_\_\_ and \_\_\_\_\_
- (a) State level and Central level
  - (b) PHC level and CHC level
  - (c) District Level and Sub-division level
  - (d) None of the above
- (vi) First WHO model list of essential drug was published in?
- (a) 1976
  - (b) 1987
  - (c) 1975
  - (d) 1977



(vii) Which of the following is the correct abbreviated form for ASHAs?

- (a) Accredited Special Health Activists
- (b) Accredited Social Health Associations
- (c) Accredited Social Health Activists
- (d) None of the above

(viii) What is the possible effects happening from interaction between Metformin and Ketotofen?

- (a) Increased platelet counts
- (b) Decreased platelet counts
- (c) Causes bradycardia
- (d) No effect

(ix) Who among the following is designated as the over all control of health care system at district level?

- (a) District Medical Officer (DMO)
- (b) Deputy Director of Health Services (DDHS)
- (c) Joint Director of Health Services (JDHS)
- (d) Auxiliary Nurse Midwife (ANM)

(x) Polypharmacy is \_\_\_\_\_

- (a) Use of too many medicines in a single patient
- (b) Using different pharmacy to purchase medicines
- (c) Consulting with different doctors
- (d) None of above

## SECTION B

(Descriptive question)

II. Answer the following (any SIX) : (6 × 15 = 90)

- 2. (a) Distinguish between Drugs information center (DIC) and poison information center (PIC). (4)
- (b) What are Boolean operators? Describe in detail with suitable examples the mode of utilization of Boolean operators in developing strategic search. (1 + 5)
- (c) Write a detail note on the organisation for setting up the Poison Information Center. (5)
- 3. (a) Define the terms prescribing indicators, patient care indicators and health facility indicators. Write a note on patient counselling. (3 + 5)
- (b) What do you mean by rational use of drugs? Describe in detail the role of pharmacists in promoting the rational use of drugs. (1 + 6)



4. (a) Define adverse drug reactions (ADRs) and adverse drug event (ADE). What are the common causes of ADRs? Classify the different types of ADRs. (2 + 3 + 3)
- (b) Write a note on drug interaction cited examples from drug-food interaction and drug-herb interaction. (3 + 4)
5. (a) Define therapeutic drugs monitoring (TDM). Describe in detail 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 of Pharmacoepidemiological studies? (1 + 5)
6. (a) Define essential drugs. Describe in brief about the procurement and distribution of essential drug by the pharmacist? Give the advantages of essential medicine list (EML). (2 + 5 + 2)
- (b) What are radioisotopes? How radio pharmaceuticals can be produced? (1 + 5)
7. (a) Describe the organization of Health care system of the country at National and state level. Give the objectives of NRHM. (5 + 5)
- (b) Write a note on National Health Policy (2017). (5)

8. Write a short note on any THREE of the following :  
(3 × 5 = 15)

- (a) Emergency treatment of barbiturates poisoning
- (b) Self medication
- (c) Pharmacovigilance
- (d) OTC drugs
- (e) Immunization programme and its success in India.

9. Write a detail note on emergency treatment of poisoning. (15)

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