

Dec-2019

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2019

B.Pharm. 7th Semester End-Term Examination

Elective – PHARMACY PRACTICE

(Old Regulation)

Full Marks – 100

Time – Three hours

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

Answer Q.No. 1 and any six from the rest.

1. Answer the following questions : (10 × 1 = 10)
- (i) In India the first National poison Information Centre was established in 1994 at _____.
- (a) AIIMS, Delhi
(b) CMC, Vellore
(c) Govt. General hospital, Chennai
(d) None of the above
- (ii) DDD system of drug classification mean
- (a) Defined Day Dosing
(b) Defined Daily Dose
(c) Definite Design Dose
(d) All of these

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- (iii) Cost benefit Analysis is a method applied in
- (a) Pharmacoepidemiology
 - (b) Pharmacoeconomics
 - (c) Therapeutic Drug Monitoring
 - (d) Drug Information
- (iv) Cohort control study is Study design of
- (a) Pharmacoepidemiology
 - (b) Pharmacoeconomics
 - (c) Therapeutic Drug Monitoring
 - (d) Drug Information
- (v) Among the following which drug need TDM
- (a) Amoxicilin
 - (b) Lithium Carbonate
 - (c) Ciprofloxacin
 - (d) Norfloxacin
- (vi) No of essential drugs listed in Indian national formulary is _____.
- (vii) An example of Primary drug information is _____.
- (viii) Phase IV clinical trial comes under
- (a) Pharmacovigilance
 - (b) Pharmacoepidemiology
 - (c) Pharmacoeconomics
 - (d) ADR

- (ix) Milk and Tetracycline having
- (a) Acid base type of Interaction reaction
 - (b) Chelating type of Interaction reaction
 - (c) Oxidation type of Interaction reaction
 - (d) Reduction type of Interaction reaction
- (x) An example of radioactive compound use for monitoring renal clearance is
- (a) Technetium 99
 - (b) Iodine 131
 - (c) Co 60
 - (d) All of these

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(Answer any Six Questions form question no 2-8)

2. Write in detail about the different method of patient counseling. What do you understand about patient details? Describe the role of pharmacist in patient counseling. (6+4+5=15)
3. What are the different typed of drug information systems? Explain with examples. Write your comment on the development of Drug and poison information. Write a short note on Emergency treatment of poison. (6+5+4=15)
4. What are the different public health policies in the health care system in India? Describe in details. Give a brief overview on Immunization program and immunization schedule in India. (8+7=15)
5. Describe in details about the applications of radio pharmaceuticals in pharmaceutical formulations. Give an overview about pharmacovigilance status in India. Write a short note on patient compliance or adherence. (7+4+4=15)

6. (a) What do you mean by rational and irrational drug use give with examples? Describe different indicators to evaluate for rational drug use.
- (b) Explain in details about the criteria for selection, procurements of essential Drugs. Write a short note on Essential Medical List.
(7+8=15)
7. Write short note on
- (a) Therapeutic drug monitoring
- (b) Adverse drug reactions
- (c) Pharmacovigilance and National Pharmacovigilance programme. (5+5+5=15)
8. (a) Describe in details about the various methods of pharmacoeconomics evaluation techniques.
- (b) Write your comment on the outcomes and study designs of pharmacoepidemiological study.
(7+8=15)
9. Write a short note on:
- (a) Methods of detecting non adherence or non compliance
- (b) Self medication
- (c) Over The Counter (OTC) drugs. (5+5+5= 15)
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