

Question Paper

Exam Date & Time: 10-May-2024 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

HOSPITAL and CLINICAL PHARMACY [PPR-ER20-25T-S1]

Marks: 80

Duration: 180 mins.

MCQs

Answer all the questions.

Section Duration: 30 mins

20 Q x 1 mark = 20 marks

1) What is the antidote used in Acetaminophen Poisoning? (1)

[Flumazenil](#)

[Oximes](#)

[N-acetylcysteine](#)

[Atropine](#)

2) Chelation therapy is used in _____ Poisoning. (1)

[Antidepressant poisoning](#)

[Organochlorine](#)

[poisoning](#)

[Heavy metal poisoning](#)

[Substance abuse](#)

3) Large volume solution contains the IV solution more than _____ (1)

[50 mL to 100 mL](#)

[More than 75 mL](#)

[Less than 50 mL](#)

[More than 100](#)

[mL](#)

4) The perpetual inventory system comprises of: (1)

[Bin card](#)

[Stores ledger](#)

[Graphic method](#)

[Bin card and Stores](#)

[ledger](#)

5) Hepatic Necrosis is seen in which stage of Acetaminophen Poisoning? (1)

[Phase](#)

[3](#)

[Phase](#)

[1](#)

[Phase](#)

[2](#)

[Phase](#)

[4](#)

- 6) The Narcotic Drugs and Psychotropic Substances Act was introduced in which year? (1)
- [1985](#)
[1989](#)
[1999](#)
[1995](#)
- 7) What is the minimum qualification required to practice pharmacy in India (1)
- [M. Pharm](#)
[B. Pharm](#)
[MSc. Chemistry](#)
[D. Pharm](#)
- 8) ----- is an inventory control technique that classifies inventory based on its functional importance. (1)
- [Inventory turnover](#)
[ABC Analysis](#)
[EOQ analysis](#)
[VED analysis](#)
- 9) Thalidomide tragedy was reported in the year (1)
- [1953](#)
[1965](#)
[1964](#)
[1962](#)
- 10) _____ is a major role of clinical pharmacist (1)
- [Post marketing surveillance](#)
[Pre marketing surveillance](#)
[Patient counselling](#)
[Pre-clinical trial](#)
- 11) _____ is the secretary of Pharmacy and Therapeutics Committee. (1)
- [Administrator](#)
[Pharmacist](#)
[Physician](#)
[Nurse](#)
- 12) Which of the following is NOT a daily activity of clinical pharmacist? (1)
- [Providing drug information to physicians and nurses](#)
[To participate in ward rounds with other health care professionals](#)
[Identify drugs brought into the hospital by patients](#)
[To counsel patients regarding the prescribed medicines](#)
- 13) ----- covers 10% of the total inventories and consumes about 70% of the total budget in ABC analysis. (1)
- [A items](#)
[B items](#)
[C items](#)
[All of the above](#)

14) Example for non-charge floor stock drug? (1)

[Anti-pyrectics](#)

[Antibiotics](#)

[Analgesics](#)

[Disinfectants](#)

15) N-acetyl-p-benzoquinone imine is the toxic metabolite of _____ (1)

[Antidepressants](#)

[Acetaminophen](#)

[Barbiturate](#)

[Pyrethroid](#)

16) What are the possible ways of preventing an ADR? (1)

[Reduce dosing or discontinue offensive medication](#)

[Switch to another drug or dosage form less likely to cause ADRs](#)

[Treat side effects when necessary](#)

[All of the above](#)

17) Ampule is a _____ drug container (1)

[Two doses](#)

[Weekly dose](#)

[Multiple dose](#)

[Single-dose-only](#)

18) What are the methods for determining EOQ? (1)

[Algebraic](#)

[Graphic](#)

[Tabular](#)

[All of the above](#)

19) The branch of medicine that deals with diagnosis, treatment, and prevention of diseases in children (1)

[Geriatrics](#)

[Gynaecology](#)

[Hepatology](#)

[Paediatrics](#)

20) The annual consumption of an article is 2000, Ordering cost is Rs 50, the inventory carrying cost is 25% and unit cost of the item is Rs 8. Find the EOQ. (1)

[415.6](#)

[155.9](#)

[316.2](#)

[320](#)

Long Answers

Answer all the questions.

6 Q x 5 marks = 30 marks

- 1) Explain on Home medication Review. (5)
- 2) Explain the procedure for development and use of hospital formulary. (5)
- 3) Explain the distribution of drugs in ICCU. (5)
- 4) Explain the storage, dispensing of Radiopharmaceuticals. (5)
- 5) Describe the functions of PTC. Give its role in drug safety. (5)
- 6) Explain the procedures of drug purchases in supply chain. (5)

Short Answers

Answer all the questions.

10 Q x 3 mark = 30 marks

- 1) Explain the role of pharmacist in preventing antimicrobial Resistance. (3)
- 2) Explain the significance of Hematological function tests. (3)
- 3) Explain application of computers in hospital pharmacy practice. (3)
- 4) Define Drug Interactions and explain its clinical significances. (3)
- 5) Write a note on expiry drug removal and handling and disposal. (3)
- 6) What is the need for Monitoring Drug Therapy. (3)
- 7) Explain the advantages of Individual Prescription order system. (3)
- 8) Define the terms: Nuclear Medicine, Radiopharmacy and Radiopharmaceuticals. (3)
- 9) Define Pharmaceutical care and explain the elements of pharmaceutical care. (3)
- 10) Explain the advantages and disadvantages of drug information resources. (3)

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