

SUBJECT: HOSPITAL AND CLINICAL PHARMACY

COURSE: FINAL D.PHARM

UNIT 3 : DRUG DISTRIBUTION & RADIOPHARMACEUTICALS

**TABLE 1: VERY SHORT ANSWER QUESTIONS (1–2 Marks)**

S.No	QUESTION	SYLLABUS AREA	EXAM MAPPING (Year)	BLOOM'S LEVEL
1	Define drug distribution system in hospitals.	Drug Distribution	TNMGRMU (2019)	Remember
2	What is Unit Dose Drug Distribution System (UDDDS)?	UDDDS	GPAT (2021)	Remember
3	Mention one advantage of floor stock method.	Floor Stock Method	TNMGRMU (2020)	Understand
4	State one disadvantage of individual prescription order method.	IPOM	TNMGRMU (2018)	Understand
5	What is a drug basket method?	Drug Basket Method	NIPER (2022)	Remember
6	Expand ICU and ICCU.	ICU Distribution	TNMGRMU (2017)	Remember
7	Name any one automated drug dispensing device.	Automated Systems	GPAT (2020)	Remember
8	Mention one example of a narcotic drug.	Narcotic Drugs	Pharma Interview (2023)	Remember
9	Define bulk compounding.	Hospital Compounding	TNMGRMU (2021)	Remember
10	What is IV admixture service?	IV Admixture	NIPER (2021)	Understand
11	Define radiopharmaceuticals.	Radiopharmaceuticals	GPAT (2019)	Remember
12	Mention one software used in hospital pharmacy.	Computer Applications	Pharma Industry (2024)	Remember

**TABLE 2: SHORT ANSWER QUESTIONS (3–5 Marks)**

S.No	QUESTION	SYLLABUS AREA	EXAM MAPPING (Year)	BLOOM'S LEVEL
1	Explain individual prescription order method with advantages.	IPOM	TNMGRMU (2021)	Understand
2	Write short notes on floor stock drug distribution method.	Floor Stock	TNMGRMU (2020)	Understand
3	Explain unit dose drug distribution system.	UDDDS	GPAT (2022)	Apply

4	Compare floor stock and unit dose system.	Comparison	TNMGRMU (2019)	Analyze
5	Describe drug distribution in ICU and emergency wards.	ICU/Emergency	NIPER (2023)	Apply
6	Explain automated drug dispensing systems.	Automation	GPAT (2021)	Understand
7	Write notes on storage of narcotic drugs in hospitals.	NDPS Storage	TNMGRMU (2018)	Apply
8	Describe bulk compounding in hospital pharmacy.	Compounding	TNMGRMU (2022)	Understand
9	List incompatibilities in IV admixtures.	IV Admixture	NIPER (2020)	Analyze
10	Write short notes on electronic health records (EHR).	Computers	Pharma Industry (2023)	Understand
11	Explain storage requirements of radiopharmaceuticals.	Radiopharma	GPAT (2020)	Apply

**TABLE 3: LONG ANSWER QUESTIONS (7–10 Marks)**

S.No	QUESTION	SYLLABUS AREA	EXAM MAPPING (Year)	BLOOM'S LEVEL
1	Describe various drug distribution systems in hospitals with merits and demerits.	Drug Distribution	TNMGRMU (2022)	Analyze
2	Explain Unit Dose Drug Distribution System in detail with diagram.	UDDDS	GPAT (2021)	Analyze
3	Discuss drug distribution to ICU, ICCU, NICU and emergency wards.	Critical Care	TNMGRMU (2020)	Apply
4	Explain automated drug dispensing systems and their role in patient safety.	Automation	NIPER (2023)	Evaluate
5	Describe storage, dispensing and record-keeping of narcotic and psychotropic substances.	NDPS	TNMGRMU (2019)	Apply
6	Explain IV admixture services, incompatibilities and precautions.	IV Admixture	GPAT (2022)	Analyze
7	Discuss radiopharmaceuticals: storage, dispensing and disposal.	Radiopharma	GPAT (2020)	Evaluate
8	Explain application of computers in hospital pharmacy practice.	Pharma Computerization	Industry (2024)	Apply

**TABLE 4: CASE-BASED QUESTIONS (5–10 Marks)**

S.No	CASE SCENARIO	QUESTIONS ASKED	EXAM MAPPING	BLOOM'S LEVEL
1	A tertiary care hospital is facing	a) Identify suitable drug	NIPER	Analyze

	medication errors in ICU.	distribution system b) Justify your choice	(2023)	
2	A hospital wants to shift from floor stock to unit dose system.	a) Advantages b) Implementation steps	TNMGRMU (2022)	Evaluate
3	A pharmacist notices precipitation in IV admixture.	a) Type of incompatibility b) Preventive measures	GPAT (2021)	Apply
4	Narcotic drugs are missing from hospital inventory.	a) Storage lapses b) Correct legal procedure	TNMGRMU (2020)	Analyze
5	A nuclear medicine department handles radiopharmaceutical waste.	a) Disposal method b) Safety precautions	NIPER (2022)	Evaluate
6	Hospital introduces electronic health records.	a) Benefits b) Role of pharmacist	Pharma Industry (2024)	Apply