

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LM 975]

MAY 2018

Sub. Code: 2975

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-V – PHARMACY PRACTICE – MPP**  
**PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code : 262975*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Define Evidence Based Medicine. Explain the five steps involved in the process of Evidence based medicine.  
b) Add note on current practice of Evidence Based Medicine in clinical settings.
2. a) Define and classify Adverse Drug Reaction with examples.  
b) Describe the detection, reporting and management of Adverse Drug Reaction.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Role of pharmacist in prevention and management of Medication errors.
2. Concept of rational drug use.
3. Essential drug list.
4. Cost effective prescribing.
5. Regulation of OTC medicines.
6. Impact of QUM on E health.
7. Prescribing guidelines for geriatric patients.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LN 975]

NOVEMBER 2018

Sub. Code: 2975

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-V – PHARMACY PRACTICE – MPP**  
**PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code : 262975*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) What is quality use of medicines? Explain the objectives and principles of quality use of medicines.  
b) Elaborate the building blocks and evaluation process of quality use of medicines.
2. a) Define and categorize the medication errors.  
b) Describe the causes, prevention and management of medication errors.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Write a note on adverse drug reactions management.
2. Strategies to promote the quality use medicines.
3. Rules and regulation aspects of complementary medicines.
4. Prescribing practice of drugs in pediatrics.
5. National essential drug policy.
6. Role of pharmacist in rational drug use.
7. Causality assessment of adverse drug reactions.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LO 975]

MAY 2019

Sub. Code: 2975

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-V – PHARMACY PRACTICE – MPP**  
**PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code : 262975*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Types, predisposing factors and mechanism of adverse drug reactions (ADRs).  
b) Regulation of OTC medicines.
2. a) Role of pharmacist in monitoring and management of medication errors.  
b) Role of industry in QUM in medicine development.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Building blocks in QMC.
2. Prescribing in pregnancy and lactation.
3. Regulation of complementary medicines.
4. Role of pharmacist in pharmacovigilance.
5. National essential drug policy and list.
6. Definition and principles of QUM.
7. Role of health care professionals in promoting the QUM.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LP 975]

NOVEMBER 2019

Sub. Code: 2975

**M.PHARM. DEGREE EXAMINATION**  
**(PCI New regulations 2016)**  
**SEMESTER-II**  
**BRANCH-V – PHARMACY PRACTICE – MPP**  
**PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code : 262975*

**Time : Three hours**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Definition categorization and causes of medication errors, detection and prevention of medication errors.  
b) Ambulatory care/residential care.
2. a) Definition concept and need for rational drug use.  
b) Rational drug prescribing. Role of pharmacist in rational drug use.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Prescribing in immune compromised and organ failure patients.
2. Strategies to promote the QUM.
3. Definition, concept and need for rational drug use.
4. Causality assessment of ADR and management of ADRs.
5. Impact of QUM on E-health.
6. Approach and practice of evidence-based medicine in clinical settings.
7. Evaluation process in QUM.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[LQ 0121]

**JANUARY 2021**

**Sub. Code: 2975**

**(APRIL 2020 EXAM SESSION)**

**M.PHARMACY DEGREE EXAMINATION**

**SEMESTER-II (PCI New regulations 2016)**

**PHARMACY PRACTICE – MPP**

**PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

***Q.P. Code : 262975***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define and discuss the principle, responsibility and building blocks in quality use of medicine.
2. a) Define Evidence Based Medicine. Explain the five steps involved in the process of Evidence based medicine.  
b) Add note on current practice of Evidence Based Medicine in clinical settings.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Role of pharmacist in rational drug use.
2. Prescribing guidelines for geriatric patients.
3. Classify Medication Error according to NCMERP guidelines.
4. Define Pharmacovigilance. What are the predisposing factors of ADR?
5. Regulation of OTC medicines.
6. Describe the industrialist role in medicine development.
7. Quality use of medicine in Ambulatory care setting.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MPHARM 0921]**

**SEPTEMBER 2021  
(OCTOBER 2020 EXAM SESSION)**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER-II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES  
*Q.P. Code : 262975***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) What is QUM? Explain the objective and principles of QUM.  
b) Elaborate the building blocks and evaluation process of QUM.
2. a) Define and classify ADR with examples.  
b) Describe the detection, reporting and management of ADR.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Prescribing guidelines for pediatric patients.
2. Write briefly on our country national drug policy.
3. QUM in special population.
4. Role of health care professionals in promoting the QUM.
5. Prescribing guidelines for immune compromised patients.
6. Explain briefly about Integrative medicine and multidisciplinary care.
7. Regulation of complimentary medicines.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MPHARM 0122]**

**JANUARY 2022  
(APRIL 2021 EXAM SESSION)**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER-II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES  
*Q.P. Code : 262975***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Types, predisposing factors and mechanism of ADR.  
b) Role of industry in QUM in medicine department.
2. a) Discuss briefly about cost effective prescribing process?  
b) Role of pharmacist in monitoring and management of medication errors.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Strategies to promote the QUM.
2. National essential drug policy.
3. Prescribing guidelines for pregnant and lactation women.
4. Role of pharmacist in pharmacovigilance.
5. Causality assessment of ADR.
6. Prescribing guidelines for organ failure patients.
7. Role of pharmacist in rational drug use.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[M.PHARM 0922]**

**SEPTEMBER 2022  
(APRIL 2022 EXAM SESSION)**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code : 262975*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a. Discuss the concept of rational drug use and its importance.  
b. Role of pharmacist in implementing rational drug use.
2. a. Explain the importance, application and limitations of evidence based medicine.  
b. Discuss about the various types of evidences and how they are categorized.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Key Partners for Quality use of Medicines.
2. Rational drug prescribing.
3. Prescribing guidelines for pregnant women.
4. Explain briefly about cost – effective prescribing.
5. Strategies to promote the QUM.
6. Prescribing guidelines for paediatrics.
7. WHO prescribing indicators.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[M.PHARM 0423]**

**APRIL 2023  
(OCTOBER 2022 EXAM SESSION)**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code: 262975*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a. Discuss the importance of having prescribing guidelines for special populations with the advantages and limitations of it.  
b. Role of pharmacist in the process of prescribing drugs for immune compromised patient population.
2. a. Explain the importance of an essential drug list and its implications.  
b. Discuss the various types of drug use indicators in practice.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Role of pharmacist in detection and prevention of medication errors.
2. Explain briefly about National essential drug policy.
3. Definition and principles of QUM.
4. Regulation of complimentary medicines.
5. Over the Counter Medicines.
6. Evaluation of QUM.
7. Define ADR and the types with its mechanism.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[M.PHARM 0823]**

**AUGUST 2023  
(APRIL 2023 EXAM SESSION)**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code: 262975*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Define and classify Adverse Drug Reaction with examples.  
b) Describe the detection, reporting and management of Adverse Drug Reaction.
2. Enumerate on prescribing guidelines for pediatric and immuno compromised patients.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Mention the strategies used in promotion of QUM.
2. Regulatory aspects of OTC medicines in India.
3. Impact of QUM on E health.
4. Explain the concept of rational drug use.
5. Essential drug list.
6. Role of pharmacist in prevention and management of Medication errors.
7. Note on National essential drug policy.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[M.PHARM 1223]

**DECEMBER 2023  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code: 262975*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define quality use of medicine. Explain in detail developing and implementing initiatives to achieve quality use of medicine.
2. Discuss in detail about the aim, predisposing factors and role of pharmacist in Pharmacovigilance.

**II. Write notes on:**

**(7 x 5 = 35)**

1. How the ADR are detected and reported?
2. Concept of evidence based medicine.
3. Regulatory aspects of quality use of medicines in India.
4. Cost effective prescribing.
5. Quality use of medicines in pregnancy and lactation.
6. National essential drug policy.
7. Define Medication Errors: categorize the various types of Medication Errors.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[M.PHARM 0524]**

**MAY 2024  
(APRIL 2024 EXAM SESSION)**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code: 262975*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define evidence based medicine. Explain the five steps involved the process of evidence based medicine with examples.
2. a. Explain in detail the Indian drug regulatory system.  
b. Explain the Regulatory aspects of QUM in scheduling.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Write a note on any two causality assessment scales of Adverse Drug Reaction.
2. Strategies to promote the QUM.
3. Role of pharmacist in rational drug use.
4. Explain the Evaluation process in QMC.
5. Role of health care professionals in promoting the QUM.
6. Mechanism of ADR.
7. Briefly give an outline of impact of QUM on integrative medicine.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[M.PHARM 0425]**

**APRIL 2025**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code: 262975*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Explain the objectives and principles of quality use of medicines.  
b) Elaborate the building blocks and evaluation process of quality use of medicines.
2. a) Discuss in detail about Essential drug list.  
b) Add note on advantage and disadvantages of Evidence based Medicine to practice in clinical setting.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Professional responsibility of pharmacist in Regulatory aspects of QUM.
2. QUM in Pediatric prescribing.
3. Management of medication errors.
4. Key partners and responsibilities of the partners in QUM.
5. Impact of QUM on E-health.
6. Concept of Rational Drug Use.
7. Causality assessment of adverse drug reactions.

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**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[M.PHARM 1025]**

**OCTOBER 2025**

**Sub. Code: 2975**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER I – PRINCIPLES OF QUALITY USE OF MEDICINES**

*Q.P. Code: 262975*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Define ADR. Explain the causality assessment of ADR, detecting, reporting and monitoring of ADR. Add notes on aim and needs of pharmacovigilance.
2. What is an essential drug? Explain the concept and need of essential drugs. Write the notes on the adaptation and policy of national list of essential drugs in India.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Importance of communication skills in QUM.
2. Brief the Practice of evidence based medicines in clinical settings.
3. Role of pharmacist in monitoring and management of medication errors.
4. Write about the regulation of complimentary medicines.
5. Building blocks of QUM.
6. Discuss the impact of QUM in E – health.
7. Regulation of OTC medicines.

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