

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

[LM 938]

MAY 2018

Sub. Code: 2938

**M.PHARM. DEGREE EXAMINATION
(PCI New regulations 2016)
SEMESTER-II
BRANCH-I – PHARMACEUTICS – MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code : 262938

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the Indian regulatory provision relating to import, manufacture and labelling of cosmetics.
2. Explain briefly the herbal ingredients used in hair care, skin care and oral care.

II. Write notes on:

(7 x 5 = 35)

1. Describe the regulatory provisions relating to manufacture of cosmetics.
2. Outline the structure of Hair and hair growth cycle.
3. Explain in detail about the building blocks for formulation of a vanishing cream.
4. Enlist the challenges in formulating herbal cosmetics.
5. Enumerate the factors affecting microbial preservative efficacy.
6. Distinguish between cosmetic and cosmeceutical. Give suitable examples.
7. Elucidate the formulation development of a typical tooth powder.

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[LN 938]

NOVEMBER 2018

Sub. Code: 2938

**M.PHARM. DEGREE EXAMINATION
(PCI New regulations 2016)
SEMESTER-II
BRANCH-I – PHARMACEUTICS – MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code : 262938

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the formulation approaches of various skin care preparations.
2. Discuss in detail about formulation and evaluation of lipsticks.

II. Write notes on:

(7 x 5 = 35)

1. Classification and application of surfactants in cosmetics.
2. Mouth wash and deodorant.
3. Hair colourants.
4. Anti-dandruff based shampoo preparations.
5. Packaging and labeling of cosmetics.
6. Scope and new trends of herbal cosmetics.
7. Nanotechnology based cosmetic preparations.

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[LO 938]

MAY 2019

Sub. Code: 2938

**M.PHARM. DEGREE EXAMINATION
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SEMESTER-II
BRANCH-I – PHARMACEUTICS – MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code : 262938

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define and classify Cosmetics. Describe the formulation approaches of dentifrices.
2. Discuss in detail about formulation and evaluation of various Hair care preparations.

II. Write notes on:

(7 x 5 = 35)

1. Antimicrobials used for cosmetics.
2. Sunscreen and Anti-ageing preparations.
3. Shaving creams and lotions.
4. Perfumes and deodorants.
5. Lipsticks.
6. Herbal cosmetics and its standardizations.
7. Novel approaches of cosmetics.

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[LP 938]

NOVEMBER 2019

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SEMESTER-II
BRANCH-I – PHARMACEUTICS – MPH
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Q.P. Code : 262938

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write a note on structure of hair and hair growth cycle. Discuss the formulation and evaluation of shampoos.
2. Discuss the building blocks for the formulation of moisturizing, vanishing and cold cream. Add a note on the factors affecting the microbial preservative efficacy.

II. Write notes on:

(7 x 5 = 35)

1. Perfume ingredients listed as allergens in EU regulations.
2. Common problems associated with oral cavities.
3. Challenges in formulating herbal cosmetics.
4. Cosmeceutical Products used for body and under arm.
5. Structure of skin relating to problems like dry skin and acne.
6. Classification of surfactants and their applications in cosmetics.
7. Herbal ingredients used in skin and oral care.

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

[LQ 0121]

JANUARY 2021

Sub. Code: 2938

(APRIL 2020 EXAM SESSION)

M.PHARMACY DEGREE EXAMINATION

SEMESTER-II (PCI New regulations 2016)

PHARMACEUTICS – MPH

PAPER IV – COSMETIC AND COSMECEUTICALS

Q.P. Code : 262938

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Cosmetics as per Indian regulation. Discuss the Indian regulatory requirements related to obtain license, manufacturing, labeling, sale and import of cosmetics.
2. Discuss the skin structure and problems like dry skin, acne, pigmentation, wrinkles and body odour.

II. Write notes on:

(7 x 5 = 35)

1. Prohibition of manufacture, sale of certain cosmetics, offences and penalties.
2. Controversial ingredients used in perfumes.
3. Design of cosmeceutical products for bleeding gums and mouth odour.
4. Formulation requirements of vanishing and moisturizing cream.
5. Evaluation of shampoos.
6. Factors affecting microbial preservative efficacy.
7. Cleaning and care needs for face and eye lids.

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

[MPHARM 0921]

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

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER-II (PCI New regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS
*Q.P. Code : 262938***

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss about the regulatory aspects of sun protectants. Classify sunscreens and explain cosmetic products used for sun protection.
2. Define and classify antimicrobial preservatives. Explain their ideal properties, merits, demerits and factors affecting the efficacy of preservatives.

II. Write notes on:

(7 x 5 = 35)

1. Define cosmetics and discuss about misbranded and spurious cosmetics.
2. What is loan license and explain the procedure to obtain loan license?
3. Hair growth cycle.
4. Write about the cleansing and care needs for face.
5. Write short notes on skin acne and wrinkles.
6. Enumerate the advantages and disadvantages of herbal cosmetics.
7. Discuss about the herbal ingredients used in hair care cosmetics.

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

[MPHARM 0122]

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

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER-II (PCI New regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS
*Q.P. Code : 262938***

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the conditions such as dry skin, prickly heat, dental cavities and bad breath. How these conditions are addressed with cosmetic products?
2. Discuss the different building blocks for the formulation of moisturizing cream and shampoo. Write a note on perfumes used in cosmetics.

II. Write notes on:

(7 x 5 = 35)

1. Explain the procedure to obtain license for manufacture and sale of cosmetics.
2. Explain the regulatory labelling requirements of cosmetic products.
3. Write about the cleansing and care needs for nails.
4. Deodorants and Anti-perspirants.
5. Write a note on pigmentation and cosmetic products used for addressing pigmentation.
6. Discuss about the guidelines for herbal cosmetics with respect to preservatives and emollients.
7. Discuss about the herbal ingredients used in Hair care cosmetics.

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

[M.PHARM 0922]

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

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER - II (PCI New regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code : 262938

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the formulation Building blocks for cosmetics. Describe about the formulation of soaps.
2. Guidelines for herbal cosmetics by private bodies like cosmos with respect to preservatives, foaming agents and rheology modifiers.

II. Write notes on:

(7 x 5 = 35)

1. Regulatory requirements for labelling of cosmetics.
2. Formulations for acne and sun-protection.
3. Formulations for mouth odor and sensitive teeth.
4. Surfactants – Classification and application.
5. Design of cosmeceutical products on sun protection.
6. Cleansing and care needs for the scalp and neck.
7. Structure of hair and hair growth cycle.

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

[M.PHARM 0423]

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

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER - II (PCI New regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code: 262938

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Structure of hair and hair growth cycle, add note on cleansing and care needs for scalp.
2. Antimicrobial used as preservatives, their merits and demerits and factors affecting microbial preservative efficacy.

II. Write notes on:

(7 x 5 = 35)

1. Common problems associated with oral cavity.
2. Prohibition of manufacture and sale of certain cosmetics.
3. Building blocks for formulation of a moisturizing cream.
4. Cosmeceutical formulations for dental cavities and bleeding gums.
5. Sunscreens classification and its application with examples.
6. Herbal ingredients used in Skin care.
7. Misbranded and spurious cosmetics.

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

[M.PHARM 0823]

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

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER - II (PCI New Regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code: 262938

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Controversial ingredients used in cosmetics.
2. Cleansing and care needs for face, eyelids and lips.

II. Write notes on:

(7 x 5 = 35)

1. Regulatory Provisions for the Manufacturing of Cosmetics.
2. Building blocks of a vanishing cream formulation.
3. Design of cosmeceutical products addressing pigmentation, prickly heat.
4. Dandruff treatment products.
5. Herbal ingredients used in hair care.
6. Cleansing and care needs for the Feet and Nail.
7. Indian regulatory requirements for labeling of cosmetics.

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[M.PHARM 1223]

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

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER - II (PCI New Regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code: 262938

Time: Three hours

Answer ALL Questions

Maximum: 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the various areas in which herbal cosmetics are used. Explain the review of guidelines for the usage of additives in the formulation of herbal cosmetics.
2. Classify the perfumes with suitable examples. Discuss the perfume ingredients listed as allergens in EU regulation. Add a note on controversial ingredients in perfumes.

II. Write notes on:

(7 x 5 = 35)

1. Indian regulatory requirements of labeling cosmetics.
2. Common problems associated with oral cavities.
3. Antimicrobial used as preservatives in cosmetics, their merits and demerits.
4. Design of cosmeceutical products for bleeding gums and mouth odour.
5. Formulation requirements of vanishing and moisturizing cream.
6. Factors affecting microbial preservative efficacy.
7. Cleansing and care needs for face and eye lids.

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

[M.PHARM 0524]

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

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER - II (PCI New Regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code: 262938

Time: Three hours

Answer ALL Questions

Maximum: 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the various category of ingredients that are used in cosmetic formulations. What are the factors affecting preservative action in a cosmetic formulation?
2. Discuss the Indian regulatory requirements related to labeling of cosmetics. What rules regulate manufacture, sale and import of cosmetics?

II. Write notes on:

(7 x 5 = 35)

1. Write short notes on herbal ingredients used in hair care.
2. Cosmetics for teeth care and other oral care.
3. Cosmetics for dry skin, wrinkles and body odor.
4. Nail care and cosmetics for hands and feet.
5. Building blocks for formulation of moisturizing creams.
6. Sun protection factor and its importance.
7. Perfumes in cosmetic formulations and their use.

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

[M.PHARM 0425]

APRIL 2025

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
SEMESTER - II (PCI New Regulations 2016)
PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code: 262938

Time: Three hours

Answer ALL Questions

Maximum: 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe about regulatory provision relating to import of cosmetics in India.
2. Guidelines for herbal cosmetics by private bodies like cosmos with respect to preservatives, foaming agents and rheology modifiers.

II. Write notes on:

(7 x 5 = 35)

1. Write about the cleansing and care needs for body odour and face.
2. Discuss about building blocks for formulation of shampoo and toothpaste.
3. Write about the sun protection factor and its importance.
4. Write a note on perfumes and classification of perfumes.
5. Explain the cosmeceutical formulation for pigmentation and dandruff.
6. Add a note on the factors affecting the microbial preservative efficacy.
7. Write a note on herbal ingredients used in Hair care and Skin care.

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[M.PHARM 1025]

OCTOBER 2025

Sub. Code: 2938

**M.PHARMACY DEGREE EXAMINATION
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PHARMACEUTICS - MPH
PAPER IV – COSMETIC AND COSMECEUTICALS**

Q.P. Code: 262938

Time: Three hours

Answer ALL Questions

Maximum: 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Give a brief account on controversial ingredients used in Cosmetics.
2. Cleansing and care needs for eyelids, lips and face.

II. Write notes on:

(7 x 5 = 35)

1. Write the Indian regulatory requirements of labeling cosmetics.
2. Design of cosmeceutical products for bleeding gums and mouth odour.
3. Herbal ingredients used in hair care.
4. Factors affecting microbial preservative efficacy.
5. Common problems associated with oral cavity.
6. Regulatory provisions relating to import of cosmetics.
7. Formulations for acne and sun-protection.
