

August-2007

[KR 747]

Sub. Code : 4238

II. Short notes :

(8 × 5 = 40)

THIRD B.Pharm. DEGREE EXAMINATION.

(Regulation – 2004)

PHARMACEUTICAL DOSAGE FORMS AND
COSMETIC TECHNOLOGY

Time : Three hours

Maximum : 90 marks

Theory : Two hours and
forty minutes

Theory : 70 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

I. Long Essay :

(2 × 15 = 30)

Answer any TWO questions.

1. Discuss about the suppositories bases and their properties.
2. Briefly explain about the Quality control test for pharmaceutical aerosols.
3. Discuss about the percolation process by using different percolators.
4. Write about the method of preparation of semisolid products with suitable examples.

Answer any EIGHT questions.

1. Jellies.
2. Antiperspirants.
3. Dried human plasma.
4. Face powder.
5. Eye drops.
6. Preservatives.
7. Collection and storage of blood.
8. Formulation additives in liquid dosage forms.
9. Evaluation of clear liquid.
10. Malt extract.

February-2008

[KS 747]

Sub. Code : 4238

THIRD B.Pharm. DEGREE EXAMINATION.

(Regulation — 2004)

**PHARMACEUTICAL DOSAGE FORMS AND
COSMETIC TECHNOLOGY**

Q.P. Code : 564238

Time : Three hours

Maximum : 90 marks

**Theory : Two hours and
forty minutes**

Theory : 70 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

I. Long Essay :

(2 × 15 = 30)

Answer any TWO questions.

1. Discuss about ointment preparations with suitable examples.
2. Discuss formulation and evaluation of eye drops.
3. Discuss formulation and manufacturing of lipsticks.
4. Write about the principle of Extraction of drugs and large scale extraction procedures.

II. Write short answer on any EIGHT : (8 × 5 = 40)

1. Organoleptic additives for oral liquids.
2. Douches.
3. Formulation of clear gels.
4. Dry extracts.
5. Modified maceration process.
6. Plasma substitute.
7. Collection and storage of whole human blood.
8. Propellants for pharmaceutical aerosols.
9. Baby cream.
10. Ointment bases.

August 2008

[KT 747]

Sub. Code : 4238

THIRD B.Pharm. DEGREE EXAMINATION.

(Regulation — 2004)

Paper III — PHARMACEUTICAL DOSAGE FORMS
AND COSMETIC TECHNOLOGY

Q. P. Code : 564238

Time : Three hours

Maximum : 90 marks

I. Long Essay : (2 × 20 = 40)

Answer any TWO questions.

(1) Define suspensions. Describe the suspending agents in detail. (2 + 18)

(2) (a) Enumerate the semisolid dosage forms. Define them. (2 + 5)

(b) Write in detail about suppository bases. (13)

(3) Describe the formulation and evaluation of cosmetics for the skin. (15 + 5)

II. Write Short notes on any EIGHT : (8 × 5 = 40)

(1) Tinctures.

(2) Dried human plasma.

(3) Applications of aerosols.

(4) Infusions.

(5) Dextran.

(6) Eye lotions.

(7) Stabilisers.

(8) Packaging of semisolids.

(9) Jellies.

(10) Displacement value.

III. Write short answer on any FIVE. (5 × 2 = 10)

(1) Name some preservatives.

(2) Define suppositories.

(3) Examples of official emulsions.

(4) Types of maceration.

(5) Methods of suppository preparation.

(6) Aqueous vehicles for oral liquids.

(7) Organoleptic additives.

February 2009

[KU 747]

Sub. Code: 4238

THIRD B.PHARM. DEGREE EXAMINATION

(Regulation 2004)

Candidates Admitted from 2004-05

**Paper III – PHARMACEUTICAL DOSAGE FORMS AND
COSMETIC TECHNOLOGY**

Q.P. Code : 564238

Time : Three hours

Maximum : 90 marks

I. Essay Questions : Answer any TWO question. (2 x 20 = 40)

1. Blood Products. **(20)**
2. a) Define ointments. Explain about ointment preparations with suitable examples. **(10)**
b) Extraction Process. **(10)**
3. a) Discuss formulation and manufacturing of lipsticks. **(15)**
b) Linctus. **(5)**

II. Write Short Notes : Answer any EIGHT questions (8 x 5 = 40)

1. Evaluation of suppositories.
2. Aerosols.
3. Calamine Lotion.
4. Eye drops.
5. Nail lacquers and removers.
6. Cold cream.
7. Eye liners.
8. Tooth powder.
9. Bi-phasic liquid dosage form.
10. Baby care products.

III. Short Answers: Answer any FIVE questions (5 x 2 = 10)

1. Lysol.
2. Suppositories.
3. Depilatories.
4. Haemotinic.
5. Maceration.
6. Properllants.
7. Mixtures.

August 2009

[KV 747]

Sub. Code: 4238

**THIRD B.PHARM. DEGREE EXAMINATION
(Regulation 2004)**

Candidates Admitted from 2004-05

**Paper III – PHARMACEUTICAL DOSAGE FORMS AND
COSMETIC TECHNOLOGY**

Q.P. Code : 564238

Time : Three hours

Maximum : 90 marks

I. Essay Questions : Answer any TWO question. (2 x 20 = 40)

1. Describe the contents of pharmaceutical aerosol package. How does an aerosol valve function? Give pharmaceutical applications of aerosols.
2. a) What are suppositories? How do they differ from pessaries.
b) Write a note on various bases and method used for preparation of suppositories.
3. List out official blood products in I.P. Discuss whole human blood with regard to “Method of Collection” risks involved in collection and storage and labelling requirements.

II. Write Short Notes : Answer any EIGHT questions (8 x 5 = 40)

1. Double and Triple maceration.
2. Percolation.
3. Requirements of an Ideal suppository base.
4. Creaming and cracking.
5. Packaging of semisolid dosage forms.
6. State the importance of displacement value.
7. Additives used in liquid dosage form.
8. Differentiate between Soxhlet and percolation.
9. Lipsticks.
10. Dextran.

III. Short Answers: Answer any FIVE questions (5 x 2 = 10)

1. Examples of official suspensions.
2. Lubricants for suppository mould.
3. Name some baby care products.
4. Define Emulsion.
5. Functions of skin.
6. Organoleptic additives.
7. Tinctures.

February 2010

[KW 747]

Sub. Code: 4238

THIRD B.PHARM. DEGREE EXAMINATION
(Regulation 2004) Candidates Admitted from 2004-05
Paper III – PHARMACEUTICAL DOSAGE FORMS AND
COSMETIC TECHNOLOGY

Q.P. Code : 564238

Time : Three hours

Maximum : 90 marks

I. Essay Questions : Answer any TWO question. (2 x 20 = 40)

1. **a)** What are emulsions? How they are classified and tested.
b) Write a note on containers and labeling conditions for eye drops and eye ointments.
2. **a)** Define and classify dosage forms. Discuss each of liquid dosage forms by giving their definitions with suitable examples.
b) Describe the various adjuvants required in the formulation of liquid dosage form.
3. **a)** Explain the technique of 'Percolation'. Discuss the process in detail.
b) How galenicals are evaluated, explain with suitable examples.

II. Write Short Notes : Answer any EIGHT questions (8 x 5 = 40)

1. Instability of Emulsions.
2. Importance of Additives
3. Dry and soft liquid extracts.
4. Human fibrinogen.
5. Dentifrices.
6. Functions of hair.
7. Packaging of pharmaceutical aerosols.
8. Packaging of cosmetics for manicure preparations.
9. Nail polish.
10. Aerosol container.

III. Short Answers: Answer any FIVE questions (5 x 2 = 10)

1. List out two official blood products in I.P.
2. Name some propellants.
3. What are suppositories?
4. Additives used in liquid dosage form.
5. What is creaming and cracking?
6. Give any four qualities of a good suspension.
7. Labeling conditions for eye drops.

[KX 747]

September 2010

Sub. Code: 4238

THIRD B.PHARM. DEGREE EXAMINATION
(Regulation 2004)Candidates Admitted from 2004-05

**Paper III – PHARMACEUTICAL DOSAGE FORMS AND COSMETIC
TECHNOLOGY**
Q.P. Code : 564238

Time : Three hours

Maximum : 90 marks

I. Essay Questions :

(2 X 20 = 40)

Answer any TWO questions.

1. Briefly describe whole human blood with regard to “Method of collection” risk involved in collection, storage and labeling requirements.
2. a) Write in detail about suppository bases.
b) Explain how suppositories are evaluated.
3. Describe the Formulation and Evaluation of Cosmetics for Hair.

II. Write Short Notes :

(8X 5 = 40)

Answer any EIGHT questions.

1. Additives used in liquid dosage form.
2. Jellies.
3. Suspending agents.
4. Soxhlation.
5. Double and Triple maceration.
6. Propellants used in Aerosols.
7. Plasma substitutes.
8. Eye drops.
9. Creams.
10. Nail lacquers and removers.

III. Short Answers:

(5X2 = 10)

Answer any FIVE questions.

1. Name some emulsifying agents.
2. Pessaries.
3. Absorbable Haemostat.
4. Agglutininogen.
5. Infusion.
6. Decotion.
7. Depilatories.

FEBRUARY 2011

[KY 747]

Sub. Code: 4238

THIRD B.PHARM. DEGREE EXAMINATION

(Regulation 2004) Candidates admitted from 2004-05 onwards

**Paper III – PHARMACEUTICAL DOSAGE FORMS
AND COSMETIC TECHNOLOGY**

Q.P. Code : 564238

Time : Three hours

Maximum : 90 marks

I. Essay Questions :

Answer any TWO questions.

(2 x 20 = 40)

1. Write in detail about the formulation factors, method of preparation and evaluation of Ophthalmic products.
2. (a) Describe the ideal requirements for Ointment bases.
(b) Explain the various methods of preparation for ointments with suitable examples.
3. Explain the various additives used in the formulation of liquid dosage forms with examples.

II. Write Short Notes :

Answer any EIGHT questions.

(8 x 5 = 40)

1. Shampoo.
2. Infusions.
3. Pastes.
4. Propellants.
5. Human Fibrinogen.
6. Suspensions.
7. Dentifrices.
8. Aerosol container.
9. Maceration.
10. Lipsticks.

III. Short Answers:

Answer any FIVE questions.

(5 x 2 = 10)

1. Displacement value.
2. Human Immunoglobulin.
3. Pessaries.
4. Storage conditions of blood.
5. Creams.
6. Hair cosmetics.
7. Suppository bases.
