



## **Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

Academic Year: 2025– 2026

Class: 1-1

Program: B.Pharmacy

Name of the Course: **Pharmaceutics I**

### **COURSE FILE CONTENTS**

| <b>S.NO</b> | <b>CONTENT</b>                                     |
|-------------|----------------------------------------------------|
| 1.          | VISION AND MISSION OF INSTITUTE                    |
| 2.          | ACADEMIC CALENDER                                  |
| 3.          | PROGRAM EDUCATIONAL OBJECTIVES                     |
| 4.          | PROGRAM OUTCOMES                                   |
| 5.          | SYLLABUS COPY                                      |
| 6.          | LESSON PLAN                                        |
| 7.          | COURSE OUTCOMES                                    |
| 8.          | CO – PO MAPPING, GAPS IDENTIFIED AND JUSTIFICATION |
| 9.          | NOTES                                              |
| 10.         | ASSIGNMENT QUESTIONS                               |
| 11.         | MID QUESTION PAPERS WITH CO AND BTL ANALYSIS       |
| 12.         | UNIT WISE IMPORTANT QUESTIONS                      |
| 13.         | PREVIOUS QUESTION PAPERS                           |
| 14.         | MID MARKS                                          |
| 15.         | ATTENDENCE REGISTER                                |
| 16.         | SLOW LEARNERS AND ADVANCE LEARNERS                 |



### **Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

### **VISION**

. To be recognized as an Institute of excellence, imparting quality pharmacy and healthcare education, producing competent professionals with research orientation and entrepreneurial attitude, capable of meeting the demands of the Industry and serving the Society.

### **Mission**

- M1:** To provide a conducive environment for student centric teaching - learning process to achieve academic excellence.
- M2:** To foster among students the attitude of research, innovation and entrepreneurship.
- M3:** To establish effective Industry – Institute interaction with the Pharmaceutical and Healthcare sectors.
- M4:** To inculcate ethical and moral values among students to make them responsible to meet the needs of the society.



**Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

**PROGRAM:** B.Pharmacy

**PROGRAM EDUCATIONAL OBJECTIVES (PEO)**

**Fundamental Knowledge:**

- To produce pharmacy graduates with strong fundamental concepts and high technical competence in pharmaceutical sciences and technology, who shall be able to use these tools in pharmaceutical industry and/or institutes where ever necessary for success.
- To provide students with a strong and well-defined concept in the various fields of pharmaceutical sciences viz., Pharmaceutics, Pharmaceutical chemistry, Pharmacology and Pharmacognosy according to the requirement of pharmaceutical industries, community and Hospital Pharmacy and also to develop a sense of teamwork and awareness amongst students towards the importance of interdisciplinary approach for developing competence in solving complex problems in the area of Pharmaceutical Sciences.

**Practice and Care:**

- To promote the development of trained human resource in Pharmaceutical Sciences for dissemination of quality education with highly professional and ethical attitude, strong communication skills, effective skills to work in a team with a multidisciplinary approach.
- To generate potential knowledge pools with interpersonal and collaborative skills to identify, assess and formulate problems and execute the solution in closely related pharmaceutical industries.

- To train the students to contribute towards health care system and counseling for prophylaxis and prevention of diseases.

**Lifelong Learning and Innovation:**

- To encourage the students to participate in life-long learning process for a highly productive career and to relate the concepts of Pharmaceutical Sciences towards serving the cause of the society.
- Developing innovative ideas and approaches to enhance quality and overcome professional barriers.
- Engaging in creative thinking to envision better ways of achieving professional goals.



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR, ANANTHAPURAMU**

**ACADEMIC CALENDAR 2025-26**

**B.Pharmacy I Year I & II Semesters**  
(for 2025 admitted batch)

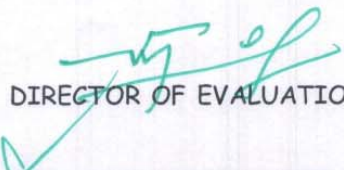
| Description                                                  | From To                         | No. of weeks/days |
|--------------------------------------------------------------|---------------------------------|-------------------|
| <b>Induction Program (Zero semester)</b>                     | <b>21.10.2025 to 01.11.2025</b> | <b>(02 weeks)</b> |
| <b>I Semester</b>                                            |                                 |                   |
| Commencement of Class work                                   | 03.11.2025                      | -                 |
| Instruction Period for the Semester                          | 03.11.2025 to 28.02.2026        | (17 weeks)        |
| <b>Examinations:</b>                                         |                                 |                   |
| I Mid-term Examinations                                      | 22.12.2025 to 24.12.2025        | (03 Days)         |
| II Mid-term Examinations                                     | 26.02.2026 to 28.02.2026        | (03 Days)         |
| End laboratory Examinations:                                 | 01.03.2026 to 08.03.2026        | (08 Days)         |
| End Theory Examinations:                                     | 09.03.2026 to 21.03.2026        | (02 weeks)        |
| Commencement of Class Work for I Year B.Pharmacy II semester | <b>23.03.2026 (Monday)</b>      |                   |
| Declaration of results for I-I                               | <b>15.04.2026</b>               |                   |

|                                                              |                            |            |
|--------------------------------------------------------------|----------------------------|------------|
| <b>II Semester</b>                                           |                            |            |
| Commencement of Class work                                   | 23.03.2026                 | -          |
| Instruction Period for the Semester                          | 23.03.2026 to 16.05.2026   | (08 weeks) |
| Summer vacation                                              | 18.05.2026 to 06.06.2026   | (03 weeks) |
| Instruction Period for the Semester (Continued)              | 08.06.2026 to 01.08.2025   | (08 weeks) |
| <b>Examinations</b>                                          |                            |            |
| I Mid-term Examinations                                      | 14.05.2026 to 16.05.2026   | (03 Days)  |
| II Mid-term Examinations                                     | 30.07.2026 to 01.08.2026   | (03 Days)  |
| End laboratory Examinations:                                 | 02.08.2026 to 09.08.2026   | (08 Days)  |
| End Theory Examinations:                                     | 10.08.2026 to 22.08.2026   | (02 weeks) |
| Commencement of Class Work for II Year B.Pharmacy I semester | <b>24.08.2026 (Monday)</b> |            |
| Declaration of results for I-II                              | <b>16.09.2026</b>          |            |

**Note:**

- The Mid-term Examinations should be conducted and completed as per the schedule given.
- For slippage of working days due to any unavoidable reasons, compensation can be made by conducting class work on second Saturdays, Sundays and other holidays, except on National Holidays and important festivals.

Date: 18-10-2025

  
DIRECTOR OF EVALUATION



### **Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

**PROGRAM:** B. Pharmacy

### **PROGRAM OUTCOMES (POs)**

1. **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
2. **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3. **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
4. **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5. **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
6. **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g., health care professionals, promoters of health, educators, managers, employers, employees).
7. **Pharmaceutical Ethics:** Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes

cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9. **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR**

**B. Pharmacy – 1st YEAR I SEMESTER**

**BP103P. PHARMACEUTICS 1(Theory)**

**Theory : 3 + 1 Hrs./Week**

**1. Objectives of the subject: :**

Upon completion of this course the student should be able to:

1. Know the history of profession of pharmacy
2. Understand the basics of different dosage forms, pharmaceutical incompatibilities and pharmaceutical calculations
3. Understand the professional way of handling the prescription
4. Preparation of various conventional dosage forms

**Text Books (Theory):**

- 1 H.C. Ansel et al., Pharmaceutical Dosage Form and Drug Delivery System, Lippincott Williams and Walkins, New Delhi.
2. Carter S.J., Cooper and Gunn's-Dispensing for Pharmaceutical Students, CBS publishers, New Delhi.
3. M.E. Aulton, Pharmaceutics, The Science& Dosage Form Design, Churchill Livingstone, Edinburgh.
4. Indian pharmacopoeia.
5. British pharmacopoeia.
6. Lachmann. Theory and Practice of Industrial Pharmacy, Lea& Febiger Publisher, The University of Michigan.
7. Alfonso R. Gennaro Remington. The Science and Practice of Pharmacy, Lippincott Williams, New Delhi.
8. Carter S.J., Cooper and Gunn's. Tutorial Pharmacy, CBS Publications, New Delhi.
9. E.A. Rawlins, Bentley's Text Book of Pharmaceutics, English Language Book Society, Elsevier Health Sciences, USA.
10. Isaac Ghebre Sellassie: Pharmaceutical Pelletization Technology, Marcel Dekker, INC, New York.
11. Dilip M. Parikh: Handbook of Pharmaceutical Granulation Technology, Marcel Dekker, INC, New York.
12. Francoise Nieloud and Gilberte Marti-Mestres: Pharmaceutical Emulsions and Suspensions, Marcel Dekker, INC, New York.

## Detailed syllabus and lecture wise schedule:

### UNIT – I

- **Historical background and development of profession of pharmacy:**

History of profession of Pharmacy in India in relation to pharmacy education, industry and organization, Pharmacy as a career, Pharmacopoeias: Introduction to IP, BP, USP and Extra Pharmacopoeia.

- **Dosage forms:** Introduction to dosage forms, classification and definitions
- **Prescription:** Definition, Parts of prescription, handling of Prescription and Errors in prescription. • **Posology:** Definition, Factors affecting posology. Pediatric dose calculations based on age, body weight and body surface area.

### UNIT – II

- **Pharmaceutical calculations:** Weights and measures – Imperial & Metric system, Calculations involving percentage solutions, alligation, proof spirit and isotonic solutions based on freezing point and molecular weight.
- **Powders:** Definition, classification, advantages and disadvantages, Simple & compound powders – official preparations, dusting powders, effervescent, efflorescent and hygroscopic powders, eutectic mixtures. Geometric dilutions.
- **Liquid dosage forms:** Advantages and disadvantages of liquid dosage forms. Excipients used in formulation of liquid dosage forms. Solubility enhancement techniques 36

### UNIT – III

- **Monophasic liquids:** Definitions and preparations of Gargles, Mouthwashes, Throat Paint, Eardrops, Nasal drops, Enemas, Syrups, Elixirs, Liniments and Lotions.
- **Biphasic liquids:**
- **Suspensions:** Definition, advantages and disadvantages, classifications, Preparation of suspensions; Flocculated and Deflocculated suspension & stability problems and methods to overcome.
- **Emulsions:** Definition, classification, emulsifying agent, test for the identification of type of Emulsion, Methods of preparation & stability

problems and methods to overcome.

#### **UNIT – IV**

- **Suppositories:** Definition, types, advantages and disadvantages, types of bases, methods of preparations. Displacement value & its calculations, evaluation of suppositories.
- **Pharmaceutical incompatibilities:** Definition, classification, physical, chemical and therapeutic incompatibilities with examples.

#### **UNIV – V**

- **Semisolid dosage forms:** Definitions, classification, mechanisms and factors influencing dermal penetration of drugs. Preparation of ointments, pastes, creams and gels. Excipients used in semi solid dosage forms. Evaluation of semi solid dosages

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR****B. Pharmacy – 1st YEAR I SEMESTER****BP103P. PHARACEUTICS 1 (practical)****Theory : 3 + 1 Hrs./Week****1 . Syrups**

- a) Syrup IP'66
- b) Compound syrup of Ferrous Phosphate

**2. Elixirs**

- a) Piperazine citrate elixir
- b) Paracetamol pediatric elixir

**3.Linctus**

- a) Terpin Hydrate Linctus IP'66
- b) Iodine Throat Paint (Mandles Paint)

**4. Solutions**

- a) Strong solution of ammonium acetate
- b) Cresol with soap solution
- c) Lugol's solution

**5. Suspensions**

- a) Calamine lotion
- b) Magnesium Hydroxide mixture
- c) Aluminium Hydroxide gel

**6. Emulsions**

- a) Turpentine Liniment
- b) Liquid paraffin emulsion

**7. Powders and Granules**

- a) ORS powder (WHO)
- b) Effervescent granules
- c) Dusting powder
- d) Divided powders

**8. Suppositories**

- a) Glycero gelatin suppository
- b) Cocoa butter suppository
- c) Zinc Oxide suppository

**8. Semisolids**

- a) Sulphur ointment
- b) Non staining-iodine ointment with methyl salicylate
- c) Carbopal gel

**9. Gargles and Mouthwashes**

- a) Iodine gargle
- b) Chlorhexidine mouthwash



### **Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

### **LESSON PLAN**

Academic Year: 2025 – 2026

Class: I

Sem: I

Program: B. Pharmacy

Duration of the year: 2025 - 2026

Name of the Course: **Pharmaceutics 1**

Prescribed Hours: **Theory:** 3 + 1 Hrs./Week

Scheduled Date: 3/11/25-8/3/26

### **Reference Books:**

- 1 H.C. Ansel et al., Pharmaceutical Dosage Form and Drug Delivery System, Lippincott Williams and Walkins, New Delhi.
2. Carter S.J., Cooper and Gunn's-Dispensing for Pharmaceutical Students, CBS publishers, New Delhi.
3. M.E. Aulton, Pharmaceutics, The Science& Dosage Form Design, Churchill Livingstone, Edinburgh.
4. Indian pharmacopoeia.
5. British pharmacopoeia.
6. Lachmann. Theory and Practice of Industrial Pharmacy, Lead & Febiger Publisher, The University of Michigan.
7. Alfonso R. Gennaro Remington. The Science and Practice of Pharmacy, Lippincott Williams, New Delhi.
8. Carter S.J., Cooper and Gunn's. Tutorial Pharmacy, CBS Publications, New Delhi.
9. E.A. Rawlins, Bentley's Text Book of Pharmaceutics, English Language Book Society, Elsevier Health Sciences, USA.
10. Isaac Ghebre Sellassien: Pharmaceutical Pelletization Technology, Marcel Dekker, INC, New York.
11. Dilip M. Parikh: Handbook of Pharmaceutical Granulation Technology, Marcel Dekker, INC, New York.
12. Francoise Nieloud and Gilberte Marti-Mestres: Pharmaceutical Emulsions and Suspensions, Marcel Dekker, INC, New York.

| S.NO | CHAPTER NAME                                                                                                                   | TOPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NO OF HOURS                 | NAME OF FACULTY |
|------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------|
| 1    | <b>Historical background and development of profession of pharmacy</b><br><br><b>Dosage forms</b><br><br><b>• Prescription</b> | History of profession of Pharmacy in India in relation to pharmacy education, industry and organization, Pharmacy as a career, Pharmacopoeias: Introduction to IP, BP, USP and Extra Pharmacopoeia.<br><br>• Introduction to dosage forms, classification and definitions<br><br>• Definition, Parts of prescription, handling of Prescription and Errors in prescription.<br><br>• Posology: Definition, Factors affecting posology. Pediatric dose calculations based on age, body weight and body surface area.                                        | 2<br><br><br>3<br><br><br>5 |                 |
| 2    | <b>• Pharmaceutical calculations</b>                                                                                           | • Pharmaceutical calculations: Weights and measures – Imperial & Metric system, Calculations involving percentage solutions, alligation, proof spirit and isotonic solutions based on freezing point and molecular weight.<br><br>• Powders: Definition, classification, advantages and disadvantages, Simple & compound powders – official preparations, dusting powders, effervescent, efflorescent and hygroscopic powders, eutectic mixtures. Geometric dilutions.<br><br>• Liquid dosage forms: Advantages and disadvantages of liquid dosage forms. | 3<br><br><br>3<br><br><br>4 |                 |

|    |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |  |
|----|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|
| 14 |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |  |
| 3  | <b>Monophasic 1 Liquids</b>   | <p>Excipients used in formulation of liquid dosage forms. Solubility enhancement techniques</p> <ul style="list-style-type: none"> <li>• Monophasic liquids: Definitions and preparations of Gargles, Mouthwashes, Throat Paint, Eardrops, Nasal drops, Enemas, Syrups, Elixirs, Liniments and Lotions.</li> <li>• Biphasic liquids:</li> <li>• Suspensions: Definition, advantages and disadvantages, classifications, Preparation of suspensions; Flocculated and Deflocculated suspension &amp; stability problems and methods to overcome.</li> <li>• Emulsions: Definition, classification, emulsifying agent, test for the identification of type of Emulsion, Methods of preparation &amp; stability problems and methods to overcome.</li> </ul> | 2 |  |
| 4  | <b>Suppositories</b>          | <ul style="list-style-type: none"> <li>• Suppositories: Definition, types, advantages and disadvantages, types of bases, methods of preparations. Displacement value &amp; its calculations, evaluation of suppositories.</li> <li>• Pharmaceutical incompatibilities: Definition, classification, physical, chemical and therapeutic incompatibilities with examples</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         | 4 |  |
| 5  | <b>Semisolid dosage forms</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8 |  |

|  |  |                                                                                                                                                                                                                                                              |  |  |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|  |  | Semisolid dosage forms: Definitions, classification, mechanisms and factors influencing dermal penetration of drugs. Preparation of ointments, pastes, creams and gels. Excipients used in semi solid dosage forms. Evaluation of semi solid dosages forms 3 |  |  |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|



### **Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

### **COURSE OUTCOMES**

Academic Year: 2025– 2026

Class: 1st

SEM: I

Program: B. Pharmacy

Duration of the year : 2025 - 2026

Name of the Course: **Pharmaceutics 1**

Prescribed Hours: **Theory:** 3 + 1 Hrs./Week

Scheduled Date; 3/11/25-8/3/26

#### **Course Outcomes**

| <b>CO NO.</b>  | <b>Course Outcome</b>                                                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>CB103.1</b> | To Know the history of profession of pharmacy and To understand the concepts of different dosage forms and detail about prescription |
| <b>CB103.2</b> | To know about flows of powders and their process and to Understand formulation and evaluation of pharmaceutical powders              |
| <b>CB103.3</b> | To understand how liquids play major role in all pharmaceutical industries                                                           |
| <b>CB103.4</b> | To know about base of drug and to know how it is used in regular basis                                                               |
| <b>CB103.5</b> | To know about semisolids dosage forms and their preparations                                                                         |

CO-PO MAPPING

.....

**CO -PO MAPPING****Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

**COURSE OUTCOMES**

Academic Year: 2025 – 2026

Class: 1<sup>st</sup> year

SEM: I

Program: B. Pharmacy

Duration of the year : 2025 - 2026

Name of the Course: **pharmaceutics**

Prescribed Hours: **Theory:** 3 + 1 Hrs./Week

Scheduled Date: : 3/11/25-8/3/26

**Course Outcomes**

| <b>CO NO.</b>  | <b>Course Outcome</b>                                                                                                                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>CB103.1</b> | To Know the history of profession of pharmacy and To understand the concepts of different dosage forms and detail about prescription |
| <b>CB103.2</b> | To know about flows of powders and their process and to Understand formulation and evaluation of pharmaceutical powders              |
| <b>CB103.3</b> | To understand how liquids play major role in all pharmaceutical industries                                                           |
| <b>CB103.4</b> | To know about base of drug and to know how it is used in regular basis                                                               |
| <b>CB103.5</b> | To know about semisolid dosage forms and their preparations                                                                          |



### Balaji College of Pharmacy, Ananthapuramu

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002

### CO-PO MATRIX

Course: Pharmaceutics-I (Theory); Code: BP103T

| CO      | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| C103.1  | 3   | -   | -   | 0   | -   | 2   | -   | 2   | 2   | -    | 3    |
| C103.2  | 3   | 2   | 2   | 0   | 2   | -   | -   | -   | -   | -    | 3    |
| C103.3  | 3   | 2   | 2   | -   | -   | 2   | -   | 2   | 2   | -    | 3    |
| C103.4  | 3   | -   | -   | -   | -   | 2   | -   | 2   | 2   | -    | 3    |
| C103.5  | 3   | -   | 2   | -   | -   | -   | -   | -   | -   | -    | 3    |
| Average | 2.6 | 0.8 | 1.2 |     | 0.4 | 1.2 |     | 1.2 | 1.2 | -    | 2.6  |

Overall average = 2.24

High ;3 medium ;2 low ; 1

#### Gaps identified from CO – PO Mapping

1. Pharmaceutical preparations

#### Plan of action/corrective measure taken to overcome the gap

1. Additional Class/Seminar

#### Revised CO – PO Matrix

Course: Pharmaceutics-I (Theory); Code: BP103T

| CO      | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| C103.1  | 3   | -   | -   | 0   | -   | 2   | -   | 2   | 2   | -    | 3    |
| C103.2  | 3   | 2   | 2   | 0   | 2   | -   | -   | -   | -   | -    | 3    |
| C103.3  | 3   | 2   | 2   | -   | -   | 2   | -   | 2   | 2   | -    | 3    |
| C103.4  | 3   | -   | -   | -   | -   | 2   | -   | 2   | 2   | -    | 3    |
| C103.5  | 3   | -   | 2   | -   | -   | -   | -   | -   | -   | -    | 3    |
| Average | 2.6 | 0.8 | 1.2 |     | 0.4 | 1.2 |     | 1.2 | 1.2 | -    | 2.6  |

Overall average = 2.24

## CO -PO MAPPING JUSTIFICATION

### MAPPED POS-1,2,3,5,6,8,9,11

**1. Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.

**2. Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

**3. Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

**5. Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

**6. Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g., health care professionals, promoters of health, educators, managers, employers, employees).

**8. Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

**9. The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

**CB103.1** To Know the history of profession of pharmacy and To understand the concepts of different dosage forms and detail about prescription

**Justification**

|      |                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------|
| PO1  | It deals with the fundamental concepts of pharmaceutics and dosage forms, which strongly contribute to core pharmacy knowledge. |
| PO6  | It helps students to communicate basic pharmaceutical concepts effectively.                                                     |
| PO8  | It provides awareness about tools and techniques used in pharmaceutics.                                                         |
| PO9  | It develops problem-solving ability and innovative thinking in pharmaceutics.                                                   |
| PO11 | It promotes lifelong learning and continuous professional development in pharmaceutical sciences.                               |

**CB103.2** To know about flows of powders and their process and to Understand formulation and evaluation of pharmaceutical powders

**Justification**

|      |                                                                                                                 |
|------|-----------------------------------------------------------------------------------------------------------------|
| PO1  | It deals with pharmaceutical calculations and formulation principles, which strengthen core pharmacy knowledge. |
| PO2  | It involves analytical thinking and problem-solving skills through pharmaceutical calculations.                 |
| PO3  | It helps in the design and development of pharmaceutical formulations                                           |
| PO5  | It ensures safe, accurate, and ethical handling of pharmaceutical calculations and formulation processes.       |
| PO11 | It promotes lifelong learning and continuous professional development in pharmaceutical sciences.               |

**CB103.3** To understand how liquids play major role in all pharmaceutical industries

**Justification**

|      |                                                                                               |
|------|-----------------------------------------------------------------------------------------------|
| PO1  | It enhances knowledge of liquid dosage forms, strengthening core pharmaceutics understanding. |
| PO2  | It involves analytical evaluation of formulation and stability of liquid dosage forms         |
| PO3  | It supports the design and development of liquid pharmaceutical formulations                  |
| PO6  | It improves communication of formulation concepts and procedures                              |
| PO8  | It involves the use of tools and techniques in the preparation of liquid dosage forms         |
| PO9  | It encourages innovative thinking in formulation development                                  |
| PO11 | It promotes lifelong learning in pharmaceutical sciences.                                     |

**CB103.4** To know about base of drug and to know how it is used in regular basis

**Justification**

|      |                                                                            |
|------|----------------------------------------------------------------------------|
| PO1  | It strengthens knowledge of semisolid dosage forms in pharmaceuticals      |
| PO6  | It enhances the ability to communicate formulation methods and techniques  |
| PO8  | It involves the use of tools and techniques in semisolid preparation.      |
| PO9  | It develops problem-solving and innovative thinking in formulation design. |
| PO11 | It promotes continuous learning and professional development.              |

**CB103.5** To know about semisolids dosage forms and their preparations

**Justification**

|      |                                                                                              |
|------|----------------------------------------------------------------------------------------------|
| PO1  | It provides strong knowledge of pharmaceutical incompatibilities and formulation challenges. |
| PO3  | It helps in designing safe and effective formulations by understanding incompatibilities.    |
| PO11 | It promotes lifelong learning and awareness of pharmaceutical safety and practices.          |

**Faculty Coordinator**

**Head of the Department**



### **Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

Academic Year: 2025 – 2026

Class: 1st SEM: I

Program: B. Pharmacy

Duration of the year: 2025 - 2026

Name of the Course: **Pharmaceutics 1**

Prescribed Hours: **Theory:** 3 + 1 Hrs./Week

Scheduled Date: 3/11/25-8/3/26

### **ASSIGNMENTS**

| <b>ASSIGNMENT TOPIC</b>                                      | <b>Course Outcome</b> | <b>BTL</b>    |
|--------------------------------------------------------------|-----------------------|---------------|
| <b>Assignment 1</b>                                          |                       |               |
| Explain about prescription and posology                      | <b>CB103.1</b>        | Understanding |
| Discuss about all types of powders and method of preparation | <b>CB103.2</b>        | Creating      |
| Elaborate on suspensions and emulsions                       | <b>CB103.3</b>        | Creating      |
| <b>Assignment 2</b>                                          |                       |               |
| Explain about suppositories                                  | <b>CB103.4</b>        | Understanding |
| List all the types of semisolid dosage forms                 | <b>CB103.5</b>        | Remembering   |

#### **Format of the assignment:**

1. Minimum & Maximum number of pages.
2. It shall be written draft copy.
3. Name and signature of the student.
4. Assignment can be a combined seminar presentation at the end of the semester.
5. Time allocated for seminar may be 8+2 Min.

# Balaji College of Pharmacy, Ananthapuramu.

1st Year I sem B.Pharm I Mid Examinations, **DEC 2025**

## PHARMACEUTICS 1

**Time: 01:30Hrs**

**Max. Marks: 30**

| <b>I. ANSWER ALL QUESTIONS (5x2=10m)</b>                                                                                                                                                                          | <b>MARKS</b> | <b>CO-A</b>    | <b>BTL</b>    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|---------------|
| A. Define Tablets and capsule                                                                                                                                                                                     | 02           | <b>BP103.1</b> | Remembering   |
| B. Explain about effervescent granules and suppositories                                                                                                                                                          | 02           | <b>BP103.1</b> | Understanding |
| C. what is Frieds formula and Dillings formula                                                                                                                                                                    | 02           | <b>BP103.1</b> | Remembering   |
| D. Explain Alligation method                                                                                                                                                                                      | 02           | <b>BP103.2</b> | Understanding |
| E. Define proof spirit and isotonic solutions                                                                                                                                                                     | 02           | <b>BP103.2</b> | Remembering   |
| <b>II. ANSWER THREE QUESTIONS (3x10=30m)</b>                                                                                                                                                                      |              |                |               |
| 1.write a note on parts of prescription in detail<br>OR<br>2.what is posology and write factors affecting posology                                                                                                | 10           | <b>BP103.1</b> | Remembering   |
| 3. Explain in detail about classification of powders with their preparations<br>OR<br>4.what are liquid dosage forms. write advantages, disadvantages and excipients present in formulation of liquid dosage form | 10           | <b>BP103.2</b> | Understanding |
| 5. write a note on IP and BP<br>OR<br>6.Explain in detail about classification of dosage forms and their definitions and examples                                                                                 | 10           | <b>BP103.1</b> | Remembering   |
|                                                                                                                                                                                                                   |              | <b>BP103.1</b> | Understanding |

**Course Outcome analysis:**

| <b>CO</b>      | <b>Total CO Marks</b> | <b>%CO</b> |
|----------------|-----------------------|------------|
| <b>CB103.1</b> | 26M                   | 86%        |
| <b>CB103.2</b> | 14M                   | 46%        |
| <b>CB103.3</b> | 0M                    | 0%         |
| <b>CB103.4</b> | 0M                    | 0%         |
| <b>CB103.5</b> | 0M                    | 0%         |
| <b>TOTAL</b>   | 30M                   | 100%       |

**Blooms taxonomy analysis for educational objectives:**

| <b>Taxonomy</b> | <b>Taxonomy Marks</b> | <b>% Taxonomy</b> |
|-----------------|-----------------------|-------------------|
| Remember        | 26M                   | 86%               |
| Understand      | 24M                   | 84%               |
| Apply           | 0M                    | 0%                |
| Analyze         | 0M                    | 0%                |
| Evaluate        | 0M                    | 0%                |
| Create          | 0M                    | 0%                |
| <b>TOTAL</b>    | 30M                   | 100%              |

Code No: BP103T

**Balaji College of Pharmacy, Ananthapuramu.**1<sup>ST</sup> Year I sem B.Pharm 2nd Mid Examinations, **FEB 2026****PHARMACEUTICS 1****Time: 01:30Hrs****Max. Marks: 30**

| <b>I. ANSWER ALL QUESTIONS (5x2=10m)</b>                                                   | <b>MARKS</b> | <b>CO-A</b>    | <b>BTL</b>    |
|--------------------------------------------------------------------------------------------|--------------|----------------|---------------|
| A. Define Throat paint and gargles                                                         | 02           | <b>BP103.3</b> | Remembering   |
| B. Identify the different types of suppository bases                                       | 02           | <b>BP103.4</b> | Applying      |
| C. what are creams and ointment                                                            | 02           | <b>BP103.5</b> | Remembering   |
| D. Define suspensions and emulsions                                                        | 02           | <b>BP103.3</b> | Remembering   |
| E. Explain about suppository and Incompatibility                                           | 02           | <b>BP103.4</b> | Evaluating    |
| <b>II. ANSWER THREE QUESTIONS (3x10=30m)</b>                                               |              |                |               |
| 1.write about physical and chemical Incompatibility<br>OR                                  | 10           | <b>BP103.4</b> | Evaluating    |
| 2.Explain about stability problems and differentiate between flocculated and deflocculated |              | <b>BP103.4</b> | Evaluating    |
| 3.Discuss in detail preparation of Gargles and Eardrops<br>OR                              | 10           | <b>BP103.3</b> | Creating      |
| 4 Identify the different tests for Emulsion and explain about method of preparations       |              | <b>BP103.3</b> | Applying      |
| 5. write a note on evaluation test for semisolids dosage forms and suppositories<br>OR     | 10           | <b>BP103.5</b> | Understanding |
| 6. Define semisolid. What are the factors affecting penetration of skin                    |              | <b>BP103.5</b> | Remembering   |

**Course Outcome analysis:**

| <b>CO</b>      | <b>Total CO Marks</b> | <b>%CO</b> |
|----------------|-----------------------|------------|
| <b>CB103.1</b> | 0                     | 0%         |
| <b>CB103.2</b> | 0                     | 0%         |
| <b>CB103.3</b> | 14M                   | 46%        |
| <b>CB103.4</b> | 14M                   | 46%        |
| <b>CB103.5</b> | 12M                   | 16%        |
| Total          | 30M                   | 100%       |

**Blooms taxonomy analysis for educational objectives:**

| <b>Taxonomy</b> | <b>Taxonomy Marks</b> | <b>% Taxonomy</b> |
|-----------------|-----------------------|-------------------|
| Remember        | 16M                   | 53%               |
| Understand      | 10M                   | 33%               |
| Apply           | 12M                   | 40%               |
| Analyze         | 0M                    | 0%                |
| Evaluate        | 0M                    | 0%                |
| Create          | 10M                   | 33%               |
| TOTAL           | 30M                   | 100%              |



### **Balaji College of Pharmacy, Ananthapuramu**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur

*Rudrampeta Bypass, Sanapa Road, Ananthapuramu, Andhra Pradesh -515002*

### **UNIT WISE IMPORTANT QUESTIONS**

Academic Year: 2025– 2026

Class: 1st year SEM: I

Program: B. Pharmacy

Name of the Course: **Pharmaceutics 1**

Prescribed Hours: **Theory:** 3 + 1 Hrs./Week

Scheduled Date 3/11/25-8/3/26

### **QUESTIONS**

#### **UNIT 1**

#### **LONG ESSAY (10M)**

1. Discuss in detail the historical background and development of pharmacy in India.
2. Define prescription. with the help of an ideal example describe the importance of all the parts of a prescription.
3. Define prescription. explain the handling of prescriptions. write about the sources of errors in prescription.
4. explain the factors affecting dose selection. give any two formulae to calculate children's dose.
5. Define posology. enumerate different factors affecting the selection of the dose of a drug

#### **SHORT ESSAY (5 Marks)**

1. Discuss the brief historical background of the profession of pharmacy in India.
2. Significance of the profession of pharmacy in relation to education and industry.
3. Write a note on pharmacy as a career.
4. Classify monophasic liquid dosage forms with examples.
5. Define dosage form and classify with examples.
6. Discuss Pediatric dose calculations based on age, body weight, and body surface area.
7. Define isotonicity. Write any two formulas to adjust the isotonicity.

#### **SHORT ANSWERS (2 Marks)**

1. What is Pharmacopoeia? Mention all the editions of Indian Pharmacopoeia.
2. Give the significance of Pharmacopoeias.
3. Enlist various Pharmacopoeias.
4. List the editions of Indian Pharmacopoeia chronologically 5. Mention the

contents of the National Formulary of India.

6. Differentiate between Indian Pharmacopoeia and National Formulary of India.

7. What is the latest edition and year of publication of the Indian Pharmacopoeia?

## **UNIT 2**

### **SHORT ESSAY (5 Marks)**

1. Discuss briefly solubility enhancement techniques.
2. Define powders. Classify powders.
3. Explain geometric dilution with an example.
4. Discuss the different methods of mixing powders.
5. Explain simple and compound powders with an example.
6. How do you prepare effervescent granules by the fusion method?
7. How do you dispense eutectic powders?
8. Explain insufflations with examples.
9. Write the advantages and disadvantages of powders as the dosage form.
10. Define and classify powders based on the official grades of powders.
11. Explain dusting powders with examples.
12. Define preservatives. Classify with examples.

### **SHORT ANSWER (2 Marks)**

1. Enlist different solubility enhancement techniques.
2. Name any four solvents used in the preparation of monophasic liquid dosage forms.
3. Name any two antioxidants used in liquid formulations.
4. Write any two examples for colouring agents and flavouring agents used in monophasic dosage forms.
5. Name any two examples of stabilizers used in monophasic liquid dosage forms.
6. Name any two antioxidants and preservatives used in monophasic liquid dosage forms.
7. Define antioxidants with examples.
8. Define preservatives with examples.
9. Define stabilizers with examples.

## **UNIT-III**

### **LONG ESSAY (10 marks)**

1. Discuss briefly the stability problems and methods to overcome the suspension.
2. Define suspension. Explain the preparation of suspension containing diffusible and diffusable solids?
3. Define suspension. Write its advantages, disadvantages and classification suspensions. Differentiate flocculated and deflocculated suspension?
4. What is the various instability of emulsion? Discuss them with their cause and precautions to avoid them?
5. Define and classify emulsion. Write the various identification tests for emulsion type?

### **SHORT ESSAYS (5 Marks)**

1. Define and classify suspension. Write the advantages and disadvantages of suspension?
2. Differentiate flocculated and deflocculated suspension.
3. Discuss briefly the method of preparation of suspensions containing indiffusible solids.
4. Differentiate mouth washes and Gargles.
5. Differentiate lotions and liniments.
6. Explain controlled Nucleation?
7. Discuss various methods of preparation of emulsions.
8. Write the principle and procedure involved in the preparation of syrup I.P.
9. Differentiate between elixirs and syrups.
10. Write a note on identification tests for emulsions with example.

11. Write a note on why emulsions are white to creamy white.

**SHORT ANSWERS (2 Marks)**

1. Define gargle with examples.
2. Define mouthwashes with examples.
3. Define ear drops and nasal drops for example.
4. Write the advantages of syrups.
5. What is invert sugar?
6. Define linctuses with examples.
7. Define expectorant with examples.
8. Define throat paint with examples.
9. Define elixirs with examples.
10. Define enema with examples.
11. Define nasal drops with examples.
12. What are structured vehicles? Give examples.
13. Name any two suspending and emulsifying agents.
14. Name any four flocculating agents used in the preparation of suspension.
15. Name any two flocculating and deflocculating agents.
16. What is the phase volume ratio? How it is useful in the preparation of emulsions.
17. What is phase inversion? How it can be prevented.
18. Classify emulsifying agents.
19. Write the primary emulsion formula for fixed oils and mineral oils.

**UNIT 4**

**SHORT ANSWERS 2M**

1. Define suppositories.
2. Define incompatibilities.
3. Different types of incompatibilities.
4. Examples of suppositories.

**LONG ANSWERS 10M**

1. Define suppositories. What are the advantages and disadvantages of using suppositories as a dosage form?
2. Discuss the different types of suppositories based on their routes of administration.
3. Explain the different types of suppository bases and their characteristics.
4. Describe the different methods of preparation of suppositories.
5. What is the displacement value of a suppository base? How is it calculated?
6. What are the different evaluation tests for suppositories? Explain any two tests in detail.

**UNIT 5****Long answers 10Marks**

1. Define semisolid dosage forms. What are the different types of semisolid dosage forms based on their consistency?
2. Discuss the mechanisms and factors influencing dermal penetration of drugs.
3. Describe the preparation methods of ointments, pastes, creams, and gels.
4. Explain the different types of excipients used in semisolid dosage forms.
5. What are the different evaluation tests for semisolid dosage forms? Explain any two tests in detail.
6. Discuss the advantages and disadvantages of using semisolid dosage forms over other dosage forms.
7. How can the stability of semisolid dosage forms be improved? Discuss any two methods in detail.
8. Explain the role of semisolid dosage forms in transdermal drug delivery.
9. Describe the different types of semisolid dosage forms used in dermatology and their indications.
10. What are the challenges involved in the development of semisolid dosage forms for pediatric and geriatric patients

Code: 23BP103T

**R23**

B.Pharm I Year I Semester (R23) Regular & Supplementary Examinations March 2026  
**PHARMACEUTICS - I**  
 (B.Pharmacy)

Time: 3 hours

Max. Marks: 70

**PART – A**  
 (Compulsory Question)

\*\*\*\*\*

- 1 Answer the following: (10 X 02 = 20 Marks)
- |                                                         |    |
|---------------------------------------------------------|----|
| (a) Define pharmacopeia.                                | 2M |
| (b) Define posology.                                    | 2M |
| (c) What is proof spirit?                               | 2M |
| (d) What is effervescent powder?                        | 2M |
| (e) Define Elixirs.                                     | 2M |
| (f) What is Flocculated suspension?                     | 2M |
| (g) What is Displacement value?                         | 2M |
| (h) Define incompatibilities.                           | 2M |
| (i) Define Gels. What are the different gelling agents? | 2M |
| (j) Define Pastes.                                      | 2M |

**PART – B**

(Answer all the questions: 05 X 10 = 50 Marks)

- |           |                                                                                                                                                    |     |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 2         | What is Prescription and explain various parts of prescription with an example?                                                                    | 10M |
| <b>OR</b> |                                                                                                                                                    |     |
| 3         | What are Dosage forms? Classify various types of dosage forms with examples and mention its advantages and disadvantages.                          | 10M |
| 4         | (a) Discuss about Powders used for external use with examples.                                                                                     | 5M  |
|           | (b) Discuss about different excipients used in Liquid dosage forms.                                                                                | 5M  |
| <b>OR</b> |                                                                                                                                                    |     |
| 5         | (a) What are Isotonic solutions? Differentiate between hypotonic and hypertonic solutions.                                                         | 5M  |
|           | (b) Write short notes on dusting powders and effervescent powders.                                                                                 | 5M  |
| 6         | Define Emulsion. Write the methods of preparations and identification tests for determination of types of Emulsion.                                | 10M |
| <b>OR</b> |                                                                                                                                                    |     |
| 7         | What are suspensions? Give classification of suspensions. Explain different components used for preparation of suspension.                         | 10M |
| 8         | What is Suppository? Classify suppository bases. Explain in detail the methods of preparation and write the ideal properties of suppository bases. | 10M |
| <b>OR</b> |                                                                                                                                                    |     |
| 9         | Define and classify incompatibilities. Write in detail about the physical and chemical incompatibility.                                            | 10M |
| 10        | (a) Define Ointment. Write the types and ideal properties of ointment bases.                                                                       | 5M  |
|           | (b) What are pastes? Give its salient features. Write any one preparation of paste.                                                                | 5M  |
| <b>OR</b> |                                                                                                                                                    |     |
| 11        | (a) Explain the factors influencing dermal penetration of drugs.                                                                                   | 5M  |
|           | (b) Differentiate Ointments and Pastes.                                                                                                            | 5M  |

\*\*\*\*\*

## Balaji College of Pharmacy, Ananthapuramu.

Subject: pharmaceutics 1 PHARM.B 1st YEAR MID EXAMINATIONS MARKS Subject Code: BP103T

| INTERNAL ASSESSMENT - THEORY |                    |                                |             |              |                                               |                                 |                             |
|------------------------------|--------------------|--------------------------------|-------------|--------------|-----------------------------------------------|---------------------------------|-----------------------------|
| S. No.                       | Hall ticket Number | Name of the Student            | I MID Marks | II MID Marks | 80 %<br>Weightage<br>for better<br>(x0.8) – A | 20 % for<br>other (x0.2)<br>- B | FINAL MID<br>SEMESTER MARKS |
|                              |                    |                                | (30Marks)   | (30Marks)    |                                               |                                 | (A+B)                       |
| 1                            | 25T11R0001         | NAGEPALLI SHAIK AHRIMA KOUSAR  | 21          | 16           | 17                                            | 3.2                             | 20                          |
| 2                            | 25T11R0002         | EDIGA ALEKHYA                  | 23          | 16           | 18                                            | 3.2                             | 22                          |
| 3                            | 25T11R0003         | SHAIK AMEESHA ANJUM            | 24          | 20           | 19                                            | 4                               | 23                          |
| 4                            | 25T11R0004         | KARROLLA AMRUTHA               | 15          | 13           | 12                                            | 2.6                             | 15                          |
| 5                            | 25T11R0005         | MADAPPALLI AMRUTHA             | 13          | 12           | 10                                            | 2.4                             | 13                          |
| 6                            | 25T11R0006         | GAVVALA AMULYA                 | 22          | 20           | 18                                            | 4                               | 22                          |
| 7                            | 25T11R0007         | CHUNCHULA ANUSHA               | 15          | 14           | 12                                            | 2.8                             | 15                          |
| 8                            | 25T11R0008         | SHAIK APSANA                   | 21          | 15           | 17                                            | 3                               | 20                          |
| 9                            | 25T11R0009         | SHAIK AREEFA GULSHAM           | 21          | 16           | 17                                            | 3.2                             | 20                          |
| 10                           | 25T11R0010         | PAKHARI SHAIK ARSHIYA SULTHANA | 16          | 15           | 13                                            | 3                               | 16                          |
| 11                           | 25T11R0011         | EDEDIGA ASWINI                 | 16          |              | 13                                            |                                 | 13                          |
| 12                           | 25T11R0012         | R ASWINI                       | 17          | 11           | 14                                            | 2.2                             | 16                          |
| 13                           | 25T11R0013         | BELDAR AYESHA SIDDIQA          | 14          | 16           | 13                                            | 2.8                             | 16                          |
| 14                           | 25T11R0014         | SHAIK AYISHA BANU              | 19          | 15           | 15                                            | 3                               | 18                          |
| 15                           | 25T11R0015         | DUDEKULA BHANU                 | 12          |              | 10                                            |                                 | 10                          |
| 16                           | 25T11R0016         | SREENIVASH GARI BHANUPRASAD    | 19          | 16           | 15                                            | 3.2                             | 18                          |

|    |            |                                    |    |    |    |     |    |
|----|------------|------------------------------------|----|----|----|-----|----|
| 17 | 25T11R0017 | TALARI BHARATHI                    | 0  | 0  | 0  | 0   | 0  |
| 18 | 25T11R0018 | PALUVURI CHANDANA                  | 16 | 18 | 14 | 3.2 | 18 |
| 19 | 25T11R0019 | EERANNA GARI DIVYA                 | 20 | 13 | 16 | 2.6 | 19 |
| 20 | 25T11R0020 | YELLUTLA FIRDOS JAHA               | 26 | 19 | 21 | 3.8 | 25 |
| 21 | 25T11R0021 | DANDA GAYATHRI                     | 17 | 16 | 14 | 3.2 | 17 |
| 22 | 25T11R0022 | BANDARU GNANESWARI                 | 16 | 16 | 13 | 3.2 | 16 |
| 23 | 25T11R0023 | MUDDANGULA GOWTHAMI                | 14 | 15 | 12 | 2.8 | 15 |
| 24 | 25T11R0024 | DOLA HARIKA                        | 17 | 17 | 14 | 3.4 | 17 |
| 25 | 25T11R0025 | KUMMARA HARIKA                     | 22 | 16 | 18 | 3.2 | 21 |
| 26 | 25T11R0026 | PRODDATUR HARIKA                   | 11 | 12 | 10 | 2.2 | 12 |
| 27 | 25T11R0027 | SAKE HARSHA VARDHAN                | 26 | 17 | 21 | 3.4 | 24 |
| 28 | 25T11R0028 | SHAIK HEENA KOUSER                 | 25 | 26 | 21 | 5   | 26 |
| 29 | 25T11R0029 | GAJULA HEMA                        | 13 | 13 | 10 | 2.6 | 13 |
| 30 | 25T11R0030 | SYED HUSNA SAMREEN                 | 18 | 16 | 14 | 3.2 | 18 |
| 31 | 25T11R0031 | GORLA INDHU                        | 22 | 23 | 18 | 4.4 | 23 |
| 32 | 25T11R0032 | BUDDI ERANNA GARI ISWARYA          | 13 | 10 | 10 | 2   | 12 |
| 33 | 25T11R0033 | KOTHAKAPU JOSHNA                   | 20 | 17 | 16 | 3.4 | 19 |
| 34 | 25T11R0034 | KANAVATH JYOSHNA BAI               | 17 | 12 | 14 | 2.4 | 16 |
| 35 | 25T11R0035 | BESTHA KALYANI                     | 14 | 13 | 11 | 2.6 | 14 |
| 36 | 25T11R0036 | J KAVYA                            | 17 | 15 | 14 | 3   | 17 |
| 37 | 25T11R0037 | BOMINENI LAVANYA                   | 20 | 25 | 20 | 4   | 24 |
| 38 | 25T11R0038 | HARIJANA LIKHITHA                  | 21 | 17 | 17 | 3.4 | 20 |
| 39 | 25T11R0039 | BULLE LOKESWARI                    | 13 | 11 | 10 | 2.2 | 13 |
| 40 | 25T11R0040 | BADRAMBALLI SHEIK MAHAMMAD LATHEEF | 21 | 14 | 17 | 2.8 | 20 |

|    |             |                           |    |    |    |     |    |
|----|-------------|---------------------------|----|----|----|-----|----|
| 41 | 25T11R0041  | NARAY MANOGNA             | 21 | 15 | 17 | 3   | 20 |
| 42 | 25T11R+0042 | RAMAVATH MEGHANA BAI      | 16 | 13 | 13 | 2.6 | 15 |
| 43 | 25T11R0043  | BANDARI MEGHANA           | 21 | 21 | 17 | 4.2 | 21 |
| 44 | 25T11R0044  | M MOHAMMAD SAIF           | 11 | 15 | 12 | 2.2 | 14 |
| 45 | 25T11R0045  | MOPURI MOHAN              | 15 | 15 | 12 | 3   | 15 |
| 46 | 25T11R0046  | SHAIK MUJEEB              | 15 | 19 | 15 | 3   | 18 |
| 47 | 25T11R0047  | MUDINLA MUKESH            | 18 | 15 | 14 | 3   | 17 |
| 48 | 25T11R0048  | SHAIK MUKTHIYAR           | 15 | 13 | 12 | 2.6 | 15 |
| 49 | 25T11R0049  | SHAIK MUTHAHEER           | 15 | 17 | 14 | 3   | 17 |
| 50 | 25T11R0050  | DUMALA NANDINI            | 15 | 15 | 12 | 3   | 15 |
| 51 | 25T11R0051  | BANDELA NARASIMHA         | 17 | 18 | 14 | 3.4 | 18 |
| 52 | 25T11R0052  | THAVALAMARRI NAVEEN       | 12 | 20 | 16 | 2.4 | 18 |
| 53 | 25T11R0053  | B V NAVYA SREE            | 0  |    | 0  | 0   | 0  |
| 54 | 25T11R0054  | SHAIK NAZIYA              | 21 | 18 | 17 | 3.6 | 20 |
| 55 | 25T11R0055  | S PALLAVI                 | 16 | 12 | 13 | 2.4 | 15 |
| 56 | 25T11R0056  | MALA PALLAVI              | 0  | 10 | 8  | 0   | 8  |
| 57 | 25T11R0057  | MUKKARLA PAVANI           | 18 | 18 | 14 | 3.6 | 18 |
| 58 | 25T11R0058  | GANDLA VENKATESH PAVITHRA | 21 | 18 | 17 | 3.6 | 20 |
| 59 | 25T11R0059  | MUDE PAVITHRA             | 15 | 19 | 15 | 3   | 18 |
| 60 | 25T11R0060  | NARAYANAPURAM PRASANTHI   | 17 | 16 | 14 | 3.2 | 17 |
| 61 | 25T11R0061  | KOTHAKAPU PRAVALLIKA      | 15 | 19 | 15 | 3   | 18 |
| 62 | 25T11R0062  | KURUVA PRAVEENA           | 19 | 21 | 17 | 3.8 | 21 |
| 63 | 25T11R0063  | RAMDAS PRUTHVI SAI        | 21 | 22 | 18 | 4.2 | 22 |
| 64 | 25T11R0064  | D RAGHU                   | 13 | 15 | 12 | 2.6 | 15 |
| 65 | 25T11R0065  | BOYA RAJESWARI            | 15 | 14 | 12 | 2.8 | 15 |

|    |            |                                 |    |    |    |     |    |
|----|------------|---------------------------------|----|----|----|-----|----|
| 66 | 25T11R0066 | CHINNABABAIAH GARI RAJESWARI    | 13 | 13 | 10 | 2.6 | 13 |
| 67 | 25T11R0067 | ANKE RAVALI                     | 17 | 14 | 14 | 2.8 | 16 |
| 68 | 25T11R0068 | HARIJANA ROJA                   | 15 | 13 | 12 | 2.6 | 15 |
| 69 | 25T11R0069 | MEDARA SAI LAYA SREE            | 18 | 18 | 14 | 3.6 | 18 |
| 70 | 25T11R0070 | NANDAVARAM SAI SHIRISHA         | 21 | 17 | 17 | 3.4 | 20 |
| 71 | 25T11R0071 | MANGALI SAILAJA                 | 24 | 15 | 19 | 3   | 22 |
| 72 | 25T11R0072 | SHAIK SAMIYA                    | 25 | 21 | 20 | 4.2 | 24 |
| 73 | 25T11R0073 | KODEGAD SANIA TABSSUM           | 26 | 21 | 21 | 4.2 | 25 |
| 74 | 25T11R0074 | GAVIYAPPA GARI SANJANA          | 18 | 16 | 14 | 3.2 | 18 |
| 75 | 25T11R0075 | SRIPATHI SARANYA                | 15 | 16 | 13 | 3   | 16 |
| 76 | 25T11R0076 | S SHABREEN TAJ                  | 16 | 15 | 13 | 3   | 16 |
| 77 | 25T11R0077 | SHAIK SHAMEEL                   | 16 | 13 | 13 | 2.6 | 15 |
| 78 | 25T11R0078 | SHAIK SHAMEERA SULTANA          | 25 | 19 | 20 | 3.8 | 24 |
| 79 | 25T11R0079 | CHIKKAPPAYYA GARI SHASHIKALA    | 18 | 14 | 14 | 2.8 | 17 |
| 80 | 25T11R0080 | ENAMALA SMILEE                  | 15 | 13 | 12 | 2.6 | 15 |
| 81 | 25T11R0081 | YELLUTLA SOUJANYA               | 13 | 14 | 11 | 2.6 | 14 |
| 82 | 25T11R0082 | BHUMIPOGULA SOWMYA              | 9  | 12 | 10 | 1.8 | 11 |
| 83 | 25T11R0083 | PEDDAPALYAM SPANDANA            | 16 | 18 | 14 | 3.2 | 18 |
| 84 | 25T11R0084 | RANGA SWAMY GARI SPANDANA       | 0  | 11 | 9  | 0   | 9  |
| 85 | 25T11R0085 | K SREE DIVYA                    | 0  |    | 0  | 0   | 0  |
| 86 | 25T11R0086 | GOLLA SREEVALLI                 | 18 |    | 14 |     | 14 |
| 87 | 25T11R0087 | THAMADEPALLI RAVI GARI SREEDEVI | 20 | 18 | 16 | 3.6 | 20 |
| 88 | 25T11R0088 | GANUGULA SREEJA                 | 13 | 16 | 13 | 2.6 | 15 |
| 89 | 25T11R0089 | S SUHANA                        | 20 | 19 | 16 | 3.8 | 20 |
| 90 | 25T11R0090 | RILLURI SUPRIYA                 | 19 | 15 | 15 | 3   | 18 |

|     |            |                            |    |    |    |     |    |
|-----|------------|----------------------------|----|----|----|-----|----|
| 91  | 25T11R0091 | NEENAVATH SWAPNA BAI       | 18 | 16 | 14 | 3.2 | 18 |
| 92  | 25T11R0092 | BOYA SWAPNA SREE           | 14 | 14 | 11 | 2.8 | 14 |
| 93  | 25T11R0093 | DEVARA SWETHA              | 10 | 12 | 10 | 2   | 12 |
| 94  | 25T11R0094 | YAKHUBJI DANISHA TAMREEN   | 25 | 19 | 20 | 3.8 | 24 |
| 95  | 25T11R0095 | MALA TEJA                  | 21 | 18 | 17 | 3.6 | 20 |
| 96  | 25T11R0096 | P N TEJASRI                | 12 | 11 | 10 | 2.2 | 12 |
| 97  | 25T11R0097 | K M TEJASWINI              | 16 | 16 | 13 | 3.2 | 16 |
| 98  | 25T11R0098 | MUPPAGOWNI TRIVENI         | 26 | 20 | 21 | 4   | 25 |
| 99  | 25T11R0099 | DUDEKULA USSENAPPA         | 20 | 16 | 16 | 3.2 | 19 |
| 100 | 25T11R00A0 | DUBBA VARSHA               | 28 | 27 | 22 | 5.4 | 28 |
| 101 | 25T11R00A1 | MADDHA VASANTHA            | 16 | 13 | 13 | 2.6 | 15 |
| 102 | 25T11R00A2 | MATAM VASEEMA ANJUM        | 27 | 24 | 22 | 4.8 | 26 |
| 103 | 25T11R00A3 | KAMMARACHEDU VIMALA KUMARI | 15 | 13 | 12 | 2.6 | 15 |
| 104 | 25T11R00A4 | MUTTULURI VISHNU PRIYA     | 20 | 15 | 16 | 3   | 19 |
| 105 | 25T11R00A5 | CHINTAKU VYSHNAVI          | 20 | 14 | 16 | 2.8 | 19 |
| 106 | 25T11R00A6 | SHAIK YASMIN               | 0  |    | 0  | 0   | 0  |

Signature of Faculty co-coordinator  
principal

Signature of HoD

Signature of

## Balaji College of Pharmacy, Ananthapuramu.

Subject: pharmaceutics 1 PHARM.B 1<sup>st</sup> YEAR LAB EXAMINATIONS MARKS Subject Code: BP103P

| INTERNAL ASSESSMENT - PRACTICAL |                    |                                |             |              |                                               |                                 |                             |
|---------------------------------|--------------------|--------------------------------|-------------|--------------|-----------------------------------------------|---------------------------------|-----------------------------|
| S. No.                          | Hall ticket Number | Name of the Student            | I MID Marks | II MID Marks | 80 %<br>Weightage<br>for better<br>(x0.8) – A | 20 % for<br>other (x0.2)<br>- B | FINAL MID SEMESTER<br>MARKS |
|                                 |                    |                                | (30M)       | (30M)        |                                               |                                 | (A+B)                       |
| 1                               | 25T11R0001         | NAGEPALLI SHAIK AHRIMA KOUSAR  | 22          | 19           | 17.6                                          | 3.8                             | 21                          |
| 2                               | 25T11R0002         | EDIGA ALEKHYA                  | 23          | 23           | 18.4                                          | 4.6                             | 23                          |
| 3                               | 25T11R0003         | SHAIK AMEESHA ANJUM            | 26          | 26           | 20.8                                          | 5.2                             | 26                          |
| 4                               | 25T11R0004         | KARROLLA AMRUTHA               | 23          | 22           | 18.4                                          | 4.4                             | 23                          |
| 5                               | 25T11R0005         | MADAPPALLI AMRUTHA             | 20          | 20           | 16                                            | 4                               | 20                          |
| 6                               | 25T11R0006         | GAVVALA AMULYA                 | 21          | 20           | 16.8                                          | 4                               | 21                          |
| 7                               | 25T11R0007         | CHUNCHULA ANUSHA               | 19          | 17           | 15.2                                          | 3.4                             | 19                          |
| 8                               | 25T11R0008         | SHAIK APSANA                   | 21          | 23           | 18.4                                          | 4.2                             | 23                          |
| 9                               | 25T11R0009         | SHAIK AREEFA GULSHAM           | 19          | 21           | 16.8                                          | 3.8                             | 21                          |
| 10                              | 25T11R0010         | PAKHARI SHAIK ARSHIYA SULTHANA | 20          | 19           | 16                                            | 3.8                             | 20                          |
| 11                              | 25T11R0011         | EDEDIGA ASWINI                 | 19          | 21           | 16.8                                          | 3.8                             | 21                          |
| 12                              | 25T11R0012         | R ASWINI                       | 22          | 25           | 20                                            | 4.4                             | 24                          |
| 13                              | 25T11R0013         | BELDAR AYESHA SIDDIQA          | 22          | 18           | 17.6                                          | 3.6                             | 21                          |
| 14                              | 25T11R0014         | SHAIK AYISHA BANU              | 24          | 23           | 19.2                                          | 4.6                             | 24                          |
| 15                              | 25T11R0015         | DUDEKULA BHANU                 | 20          | 0            | 16                                            | 0                               | 16                          |

|    |            |                             |    |    |      |     |    |
|----|------------|-----------------------------|----|----|------|-----|----|
| 16 | 25T11R0016 | SREENIVASH GARI BHANUPRASAD | 18 | 25 | 20   | 3.6 | 24 |
| 17 | 25T11R0017 | TALARI BHARATHI             | 0  | 0  | 0    | 0   | 0  |
| 18 | 25T11R0018 | PALUVURI CHANDANA           | 21 | 20 | 16.8 | 4   | 21 |
| 19 | 25T11R0019 | EERANNA GARI DIVYA          | 20 | 19 | 16   | 3.8 | 20 |
| 20 | 25T11R0020 | YELLUTLA FIRDOS JAHA        | 24 | 27 | 21.6 | 4.8 | 26 |
| 21 | 25T11R0021 | DANDA GAYATHRI              | 23 | 24 | 19.2 | 4.6 | 24 |
| 22 | 25T11R0022 | BANDARU GNANESWARI          | 21 | 23 | 18.4 | 4.2 | 23 |
| 23 | 25T11R0023 | MUDDANGULA GOWTHAMI         | 19 | 20 | 16   | 3.8 | 20 |
| 24 | 25T11R0024 | DOLA HARIKA                 | 18 | 19 | 15.2 | 3.6 | 19 |
| 25 | 25T11R0025 | KUMMARA HARIKA              | 20 | 21 | 16.8 | 4   | 21 |
| 26 | 25T11R0026 | PRODDATUR HARIKA            | 17 | 18 | 14.4 | 3.4 | 18 |
| 27 | 25T11R0027 | SAKE HARSHA VARDHAN         | 25 | 25 | 20   | 5   | 25 |
| 28 | 25T11R0028 | SHAIK HEENA KOUSER          | 21 | 27 | 21.6 | 4.2 | 29 |
| 29 | 25T11R0029 | GAJULA HEMA                 | 18 | 24 | 19.2 | 3.6 | 23 |
| 30 | 25T11R0030 | SYED HUSNA SAMREEN          | 24 | 23 | 19.2 | 4.6 | 24 |
| 31 | 25T11R0031 | GORLA INDHU                 | 21 | 20 | 16.8 | 4   | 21 |
| 32 | 25T11R0032 | BUDDI ERANNA GARI ISWARYA   | 17 | 23 | 18.4 | 3.4 | 22 |
| 33 | 25T11R0033 | KOTHAKAPU JOSHNA            | 20 | 21 | 16.8 | 4   | 21 |
| 34 | 25T11R0034 | KANAVATH JYOSHNA BAI        | 20 | 24 | 19.2 | 4   | 23 |
| 35 | 25T11R0035 | BESTHA KALYANI              | 22 | 19 | 17.6 | 3.8 | 21 |
| 36 | 25T11R0036 | J KAVYA                     | 24 | 22 | 19.2 | 4.4 | 24 |
| 37 | 25T11R0037 | BOMINENI LAVANYA            | 24 | 25 | 20   | 4.8 | 25 |
| 38 | 25T11R0038 | HARIJANA LIKHITHA           | 22 | 25 | 20   | 4.4 | 24 |
| 39 | 25T11R0039 | BULLE LOKESWARI             | 20 | 21 | 16.8 | 4   | 21 |
| 40 | 25T11R0040 | MAHAMMAD LATHEEF            | 20 | 21 | 16.8 | 4   | 21 |
| 41 | 25T11R0041 | NARAY MANOGNA               | 23 | 22 | 18.4 | 4.4 | 23 |
| 42 | 25T11R0042 | RAMAVATH MEGHANA BAI        | 19 | 18 | 15.2 | 3.6 | 29 |
| 43 | 25T11R0043 | BANDARI MEGHANA             | 23 | 22 | 18.4 | 4.4 | 23 |
| 44 | 25T11R0044 | M MOHAMMAD SAIF             | 17 | 20 | 16   | 3.4 | 19 |

|    |            |                              |    |    |      |     |    |
|----|------------|------------------------------|----|----|------|-----|----|
| 45 | 25T11R0045 | MOPURI MOHAN                 | 18 | 19 | 15.2 | 3.6 | 19 |
| 46 | 25T11R0046 | SHAIK MUJEEB                 | 22 | 19 | 17.6 | 3.8 | 21 |
| 47 | 25T11R0047 | MUDINLA MUKESH               | 21 | 20 | 16.8 | 4   | 21 |
| 48 | 25T11R0048 | SHAIK MUKTHIYAR              | 16 | 20 | 16   | 3.2 | 19 |
| 49 | 25T11R0049 | SHAIK MUTHAHEER              | 19 | 18 | 15.2 | 3.6 | 19 |
| 50 | 25T11R0050 | DUMALA NANDINI               | 17 | 21 | 16.8 | 3.4 | 20 |
| 51 | 25T11R0051 | BANDELA NARASIMHA            | 20 | 19 | 16   | 3.8 | 20 |
| 52 | 25T11R0052 | THAVALAMARRI NAVEEN          | 18 | 22 | 17.6 | 3.6 | 21 |
| 53 | 25T11R0053 | B V NAVYA SREE               | 0  | 0  | 0    | 0   | 0  |
| 54 | 25T11R0054 | SHAIK NAZIYA                 | 24 | 25 | 20   | 4.8 | 25 |
| 55 | 25T11R0055 | S PALLAVI                    | 17 | 18 | 14.4 | 3.4 | 18 |
| 56 | 25T11R0056 | MALA PALLAVI                 | 19 | 20 | 16   | 3.8 | 20 |
| 57 | 25T11R0057 | MUKKARLA PAVANI              | 20 | 20 | 16   | 4   | 20 |
| 58 | 25T11R0058 | GANDLA VENKATESH PAVITHRA    | 22 | 23 | 18.4 | 4.4 | 23 |
| 59 | 25T11R0059 | MUDE PAVITHRA                | 21 | 22 | 17.6 | 4.2 | 22 |
| 60 | 25T11R0060 | NARAYANAPURAM PRASANTHI      | 22 | 22 | 17.6 | 4.4 | 22 |
| 61 | 25T11R0061 | KOTHAKAPU PRAVALLIKA         | 20 | 23 | 18.4 | 4   | 22 |
| 62 | 25T11R0062 | KURUVA PRAVEENA              | 24 | 23 | 19.2 | 4.6 | 24 |
| 63 | 25T11R0063 | RAMDAS PRUTHVI SAI           | 25 | 24 | 20   | 4.8 | 25 |
| 64 | 25T11R0064 | D RAGHU                      | 21 | 19 | 16.8 | 3.8 | 21 |
| 65 | 25T11R0065 | BOYA RAJESWARI               | 17 | 18 | 14.4 | 3.4 | 18 |
| 66 | 25T11R0066 | CHINNABABAIAH GARI RAJESWARI | 18 | 19 | 15.2 | 3.6 | 19 |
| 67 | 25T11R0067 | ANKE RAVALI                  | 21 | 22 | 17.6 | 4.2 | 22 |
| 68 | 25T11R0068 | HARIJANA ROJA                | 20 | 21 | 16.8 | 4   | 21 |
| 69 | 25T11R0069 | MEDARA SAI LAYA SREE         | 24 | 24 | 19.2 | 4.8 | 24 |
| 70 | 25T11R0070 | NANDAVARAM SAI SHIRISHA      | 25 | 26 | 20.8 | 5   | 26 |
| 71 | 25T11R0071 | MANGALI SAILAJA              | 24 | 25 | 20   | 4.8 | 25 |
| 72 | 25T11R0072 | SHAIK SAMIYA                 | 26 | 23 | 20.8 | 4.6 | 25 |
| 73 | 25T11R0073 | KODEGAD SANIA TABSSUM        | 25 | 25 | 20   | 5   | 25 |

|     |            |                                 |    |    |      |     |      |
|-----|------------|---------------------------------|----|----|------|-----|------|
| 74  | 25T11R0074 | GAVIYAPPA GARI SANJANA          | 21 | 23 | 18.4 | 4.2 | 23   |
| 75  | 25T11R0075 | SRIPATHI SARANYA                | 23 | 22 | 18.4 | 4.4 | 23   |
| 76  | 25T11R0076 | S SHABREEN TAJ                  | 20 | 21 | 16.8 | 4   | 21   |
| 77  | 25T11R0077 | SHAIK SHAMEEL                   | 0  | 19 | 15.2 | 0   | 15.2 |
| 78  | 25T11R0078 | SHAIK SHAMEERA SULTANA          | 26 | 24 | 20.8 | 4.8 | 26   |
| 79  | 25T11R0079 | CHIKKAPPAYYA GARI SHASHIKALA    | 21 | 22 | 17.6 | 4.2 | 22   |
| 80  | 25T11R0080 | ENAMALA SMILEE                  | 20 | 19 | 16   | 3.8 | 20   |
| 81  | 25T11R0081 | YELLUTLA SOUJANYA               | 19 | 22 | 17.6 | 3.8 | 21   |
| 82  | 25T11R0082 | BHUMIPOGULA SOWMYA              | 20 | 22 | 17.6 | 4   | 22   |
| 83  | 25T11R0083 | PEDDAPALYAM SPANDANA            | 22 | 23 | 18.4 | 4.4 | 23   |
| 84  | 25T11R0084 | RANGA SWAMY GARI SPANDANA       | 18 | 21 | 16.8 | 3.6 | 20   |
| 85  | 25T11R0085 | K SREE DIVYA                    | 0  | 0  | 0    | 0   | 0    |
| 86  | 25T11R0086 | GOLLA SREEVALLI                 | 24 | 0  | 19.2 | 0   | 19   |
| 87  | 25T11R0087 | THAMADEPALLI RAVI GARI SREEDEVI | 22 | 21 | 17.6 | 4.2 | 22   |
| 88  | 25T11R0088 | GANUGULA SREEJA                 | 21 | 24 | 19.2 | 4.2 | 23   |
| 89  | 25T11R0089 | S SUHANA                        | 22 | 23 | 18.4 | 4.4 | 23   |
| 90  | 25T11R0090 | RILLURI SUPRIYA                 | 17 | 20 | 16   | 3.4 | 19   |
| 91  | 25T11R0091 | NEENAVATH SWAPNA BAI            | 21 | 25 | 20   | 4.2 | 24   |
| 92  | 25T11R0092 | BOYA SWAPNA SREE                | 18 | 19 | 15.2 | 3.6 | 19   |
| 93  | 25T11R0093 | DEVARA SWETHA                   | 17 | 20 | 16   | 3.4 | 19   |
| 94  | 25T11R0094 | YAKHUBJI DANISHA TAMREEN        | 25 | 26 | 20.8 | 5   | 26   |
| 95  | 25T11R0095 | MALA TEJA                       | 20 | 26 | 20.8 | 4   | 25   |
| 96  | 25T11R0096 | P N TEJASRI                     | 16 | 23 | 18.4 | 3.2 | 22   |
| 97  | 25T11R0097 | K M TEJASWINI                   | 19 | 20 | 16   | 3.8 | 20   |
| 98  | 25T11R0098 | MUPPAGOWNI TRIVENI              | 24 | 23 | 19.2 | 4.6 | 24   |
| 99  | 25T11R0099 | DUDEKULA USSENAPPA              | 20 | 20 | 16   | 4   | 20   |
| 100 | 25T11R00A0 | DUBBA VARSHA                    | 27 | 27 | 21.6 | 5.4 | 27   |
| 101 | 25T11R00A1 | MADDHA VASANTHA                 | 24 | 21 | 19.2 | 4.2 | 23   |
| 102 | 25T11R00A2 | MATAM VASEEMA ANJUM             | 24 | 25 | 20   | 4.8 | 25   |

|     |            |                            |    |    |      |     |    |
|-----|------------|----------------------------|----|----|------|-----|----|
| 103 | 25T11R00A3 | KAMMARACHEDU VIMALA KUMARI | 23 | 20 | 18.4 | 4   | 23 |
| 104 | 25T11R00A4 | MUTTULURI VISHNU PRIYA     | 19 | 25 | 20   | 3.8 | 24 |
| 105 | 25T11R00A5 | CHINTAKU VYSHNAVI          | 20 | 26 | 20.8 | 4   | 25 |
| 106 | 25T11R00A6 | SHAIK YASMIN               | 0  | 0  | 0    | 0   | 0  |

Signature of Faculty

Signature of HOD

Signature of principal