रामजस कॉलेज दिल्ली विश्वविद्यालय

यूनिवर्सिटी एन्क्लेव, दिल्ली - 110007 दूरभाष: 27667706, फैक्स: 27667447 ई-मेल: principal@ramjas.du.ac.in वेबसाइट: www.ramjas.du.ac.in



RAMJAS COLLEGE UNIVERSITY OF DELHI

UNIVERSITY ENCLAVE, DELHI – 110007

Phone: 27667706, Fax: 27667447

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# DEPARTMENT OF CHEMISTRY RAMJAS COLLEGE DATE SHEET FOR PRACTICAL EXAMINATION DECEMBER-2022

(SEM - III <u>Regular</u> students & <u>Essential Repeaters</u> (ER) of Sem - III and Ex-Students)

Timings of examination: 9:00 AM – 2:00 PM (For Hons. Courses)

: 9:00 AM - 3:00 PM (For Prog. Courses)

| S.  | Date/ Day               | Course                                   | Sem | Title of the  | Paper    | Section             | Lab No.                |
|-----|-------------------------|--|-----|---|----------|---------------------|------------------------|
| No. |                         |  |     | Paper   | Code     |                     |                        |
| 1.  | 12.12.2022<br>Monday    | B.Sc.<br>(Hons.)<br>Chemistry            | III | SEC-<br>Pharmaceutical<br>Chemistry   | 32173909 | All<br>Student<br>s | Lab III                |
|     | 12.12.2022<br>Monday    | B.Sc.<br>(Hons.)<br>Chemistry            | III | SEC-<br>Fuel Chemistry  | 32173912 | All<br>Student<br>s | Lab I                  |
|     | 12.12.2022<br>Monday    | B.Sc.<br>(Prog.)<br>Life<br>Sciences     | III | SEC-<br>Fuel Chemistry  | 32173912 | All<br>Student<br>s | Lab II                 |
| 2.  | 13.12.2022<br>Tuesday   | GE                                       | III | GE: Solutions, Phase, Conductance, Electrochemistr y, Functional Group Organic Chemistry II | 32175915 | All<br>Student<br>s | Lab III and<br>New Lab |
| 3.  | 14.12.2022<br>Wednesday | B.Sc.<br>(Prog.)<br>Physical<br>Sciences | III | Solutions, Phase, Conductance, Electrochemistr y, Functional Group Organic Chemistry II     | 42174304 | A                   | Lab I                  |

|    | 14.12.2022<br>Wednesday | B.Sc.<br>(Hons.)<br>Chemistry            | III | Physical Chemistry III: Phase Equilibria and Electrochemica I Cells                     | 32171303 | В | Lab II               |
|----|-------------------------|--|-----|---|----------|---|----------------------|
| 4. | 15.12.2022<br>Thursday  | B.Sc.<br>(Prog.) Life<br>Sciences        | III | Solutions, Phase, Conductance, Electrochemistr y, Functional Group Organic Chemistry II | 42174304 | A | Lab III &<br>New Lab |
|    | 15.12.2022<br>Thursday  | B.Sc.<br>(Hons.)<br>Chemistry            | III | Inorganic<br>Chemistry II: S<br>and P block<br>elements                                 | 32171301 | A | Lab I                |
|    | 15.12.2022<br>Thursday  | B.Sc.<br>(Hons.)<br>Chemistry            | III | Organic Chemistry II: Oxygen Containing Functional Groups                               | 32171302 | В | Lab II               |
| 5. | 16.12.2022<br>Friday    | B.Sc.<br>(Hons.)<br>Chemistry            | III | Inorganic<br>Chemistry II: S<br>and P block<br>elements                                 | 32171301 | В | Lab II               |
|    | 16.12.2022<br>Friday    | B.Sc.<br>(Prog.)<br>Physical<br>Sciences | III | Solutions, Phase, Conductance, Electrochemistr y, Functional Group Organic Chemistry II | 42174304 | В | Lab III &<br>New Lab |
| 6. | 17.12.2022<br>Saturday  | B.Sc.<br>(Prog.) Life<br>Sciences        | III | Solutions, Phase, Conductance, Electrochemistr y, Functional Group Organic Chemistry II | 42174304 | В | Lab III &<br>New Lab |

|    | 17.12.2022<br>Saturday | B.Sc.<br>(Hons.)<br>Chemistry            | III | Organic Chemistry II: Oxygen Containing Functional Groups           | 32171302 | A                   | Lab II          |
|----|------------------------|--|-----|---|----------|---------------------|-----------------|
|    | 17.12.2022<br>Saturday | B.Sc.<br>(Prog.)<br>Physical<br>Sciences | Ш   | SEC:<br>IT Skills for<br>Chemists                                   | 32173901 | All<br>Student<br>s | Computer<br>Lab |
| 7. | 19.12.2022<br>Monday   | B.Sc.<br>(Hons.)<br>Chemistry            | III | Physical Chemistry III: Phase Equilibria and Electrochemica I Cells | 32171303 | A                   | Lab I           |

- 1. Section A and Section B refer to class sections.
- 2. Ex-students and Essential Repeaters if any can appear in any section

Prof.(Dr.) RANJANA DIXIT

Deputy Superintendent-

Chemistry Practical Examinations 2022-23

Contact No: 9911712352,

Email id: <a href="mailto:ranjanadixit@ramjas.du.ac.in">ranjanadixit@ramjas.du.ac.in</a>



### B. Sc (Prog.) Life Sciences

Session: 2022-2023 (December 2022)

### Time of Commencement (Practical Sessions) \*:

• Morning Session(M): 09:00 AM onwards

• Evening Session (E): 01:00 PM onwards

# B.Sc. (Prog.) Life Sciences 3rd Semester

| Sem. | UPC   | Title of Paper                 | Internal<br>Examiner | Lab<br>No. | Batches | Date &<br>Time  | Invigilators |
|------|-------|--------------------------------|----------------------|------------|---------|-----------------|--------------|
| III  | 32233 | SEC-1:<br>Medical<br>Diagnosis |                      | Lab        | I       | 13/12/22<br>(M) |              |
|      | 903   |                                |                      | 218        | II      | 13/12/22<br>(E) |              |
|      | 42234 | Physiology &<br>Biochemistry   |                      | Lab<br>220 | V       | 14/12/22<br>(M) |              |
|      |       |                                |                      |            | VI      | 14/12/22<br>(E) |              |
| ш    |       |                                |                      |            | III     | 16/12/22<br>(M) |              |
| 111  | 301   |                                |                      |            | IV      | 16/12/22<br>(E) |              |
|      |       |                                |                      |            | I       | 17/12/22<br>(M) |              |
|      |       |                                |                      |            | II      | 17/12/22<br>(E) |              |
|      |       |                                |                      |            |         |                 |              |

### **Practical Examination Instructions for Students:**

- 1. Bring your Student Admit Card or College I.D Card during the examination.
- 2. Do not bring any unauthorized material (e.g. written notes, printed papers, etc.).
- 3. You are not allowed to bring your mobile phones to the Examination Centre.
- 4. Listen carefully to instructions. Students are required to comply with the instructions

of examiners and invigilators at all times.

5. You should be present in the Examination Hall at least half-an-hour before the exam. Candidates arriving after commencement of the examination will not be permitted to enter the Examination Hall.

"All Students, Teaching and Non-Teaching Staff are expected to strictly comply with the COVID-19 related directions and COVID-19 appropriate behaviour instructions issued by Ministry of Health and Family Welfare, Government of India."

In case of any queries, problems and suggestions, kindly contact the Undersigned or Practical Coordinator.

Stay Safe and Best Wishes

Sincerely,

Dr. Renu Gupta
Deputy Superintendent (Zoology)
Associate Professor
Department of Zoology, Ramjas College
University of Delhi, Delhi
Email: renu.gupta@ramjas.du.ac.in;

Phone: 9818794739



### B. Sc (H) Zoology

Session: 2022-2023 (December 2022)

### **Time of Commencement (Practical Sessions) \*:**

• Morning Session(M): 09:00 AM onwards

• Evening Session (E): 01:00 PM onwards

# B.Sc. (H) Zoology 3<sup>rd</sup> Semester

| Sem. | UPC          | Title of Paper                                  | Internal<br>Examiner | Lab<br>No. | Batches | Date &<br>Time              | Invigilators |
|------|--------------|---|----------------------|------------|---------|-----------------------------|--------------|
| III  | 32233        | SEC-1: Medical                                  |                      | Lab        | I       | 12/12/22<br>(M)             |              |
| 111  | 903          | Diagnostics                                     |                      | 218        | П       | 12/12/22<br>(E)             |              |
| Ш    | 32235<br>904 | GE-3:<br>Environmenta<br>I and Public<br>Health |                      | Lab<br>222 |         | 14/12/22<br>(M)             |              |
|      | 32231        | i   and   |                      |            | I       | 15/12/22<br>(E)<br>16/12/22 |              |
| III  | 302          |   |                      | Lab 2      | III     | (E)<br>17/12/22<br>(E)      |              |
|      |              |   |                      |            | I       | 17/12/22<br>(M)             |              |
| Ш    | 32231<br>301 | Diversity of Chordates                          |                      | Lab 3      | П       | 17/12/22<br>(E)             |              |
|      |              |   |                      |            | III     | 19/12/22<br>(E)             |              |
| III  | 32231        | Fundamentals                                    |                      |            | I       | 18/12/22<br>(M)             |              |
|      | 303          | Biochemistry                                    | of<br>Biochemistry   |            | Ш       | 18/12/22<br>(M)             |              |

|  |  |  | II | 19/12/22<br>(M) |  |
|--|--|--|----|-----------------|--|
|  |  |  |    |                 |  |

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In case of any queries, problems and suggestions, kindly contact the Undersigned or Practical Coordinator.

Stay Safe and Best Wishes

Sincerely,

Dr. Renu Gupta
Deputy Superintendent (Zoology)
Associate Professor
Department of Zoology, Ramjas College
University of Delhi, Delhi

Email: renu.gupta@ramjas.du.ac.in;

Phone: 9818794739

**Session: 2022-2023 (December 2022)** 

# • Morning Session(M): 09:00 AM onwards, Evening Session (E): 01:00 PM onwards B.Sc. (Prog.) Life Sciences 3<sup>rd</sup> Semester and Essential Repeat (ER) students

| Semester | UPC      | Title of Paper      | Lab No. | Batches | Date & Time  |
|----------|----------|---------------------|---------|---------|--------------|
|          |          |                     |         |         |              |
|          |          |                     |         | I       | 12/12/22 (M) |
| III      | 42163302 | SEC: Biofertilizers | Lab 2   |         |              |
|          |          |                     |         | II      | 12/12/22 (E) |
|          |          |                     |         | Ш       | 14/12/22 (M) |
|          |          |                     |         | IV      | 14/12/22 (E) |
| III      | 42164301 | Plant Anatomy and   |         | V       | 15/12/22 (M) |
| 111      | 42104301 | Embryology          |         | VI      | 15/12/22 (E) |
|          |          |                     |         | I       | 16/12/22 (M) |
|          |          |                     | Lab 1   | II      | 16/12/22 (E) |
|          |          |                     |         |         |              |

Dr. Suman Sharma Deputy Superintendent

Practical Examinations 2021-22

Contact: 9873811550, sumansharma@ramjas.du.ac.in

# Department of Botany, Ramjas College Practical Examination DATESHEET (3<sup>rd</sup> Semester)

**Session: 2022-2023 (December 2022)** 

# Morning Session(M): 09:00 AM onwards; Evening Session (E): 01:00 PM onwards B.Sc. (Hons.) Botany 3<sup>rd</sup> Semester and Essential Repeat (ER) students

| Semester | UPC      | Title of Paper                       | Lab No. | Batches | Date & Time                  |
|----------|----------|--------------------------------------|---------|---------|------------------------------|
| III      | 32163301 | SEC: Ethnobotany                     | Lab 4   |         | 10/12/22 (M)                 |
| III      | 32163302 | SEC: Intellectual<br>Property Rights | Lab 1   |         | 12/12/22 (M)                 |
| III      | 32161301 | Anatomy of<br>Angiosperms            | Lab 3   | I<br>II | 15/12/22 (M)<br>15/12/22 (E) |
| III      | 32161302 | <b>Economic Botany</b>               | Lab 4   | I<br>II | 16/12/22 (M)<br>16/12/22 (E) |

| III |          |          | Lab 3 | I  | 17/12/22 (M) |
|-----|----------|----------|-------|----|--------------|
|     | 32161303 | Genetics |       | II | 17           |
|     |          |          |       |    | /12/22 (E)   |

Dr. Suman Sharma Deputy Superintendent

Practical Examinations 2021-22

Contact: 9873811550, sumansharma@ramjas.du.ac.in

# Department of Botany, Ramjas College Practical Examination DATESHEET (3<sup>rd</sup> Semester)

Session: 2022-2023 (December 2022)

• Morning Session(M): 09:00 AM onwards, Evening Session (E): 01:00 PM onwards

# B.Sc. (Hons.) 3<sup>rd</sup> Semester and Essential Repeat (ER) students

### **GENERIC ELECTIVE**

| Semester | UPC      | Title of Paper                 | Lab No. | Batches | Date & Time  |
|----------|----------|--------------------------------|---------|---------|--------------|
| III      | 32165302 | Environmental<br>Biotechnology | Lab 2   |         | 14/12/22 (M) |

Dr. Suman Sharma Deputy Superintendent

Practical Examinations 2021-22

# Practical Examination Schedule Department of Physics, Ramjas College, University of Delhi, Delhi 110007

# B.Sc (H) Physics, December 2022

| Class   | No. of           | Lab             | UPC                  | Dates   |
|---|------------------|-----------------|----------------------|---|
| BSc (H) Physics<br>Semester III Thermal<br>Physics Lab                                  | A - 57<br>B - 52 | II              | <b>Code</b> 32221302 | Sec A -Dec. 8 (M+E),9<br>(M+E),10 (M)<br>Sec B- 11 (M+E), 12<br>(M+E) |
| BSc (H) Physics<br>Semester III Digital<br>system and<br>Applications                   | A – 57<br>B - 52 | VI              | 32221303             | Sec B - Dec. 8 (M+E),9 (M+E),  Sec A - Dec. 11 (M+E),12 (M+E)         |
| BSc (H) Physics<br>Semester III<br>Electrical Circuits &<br>Network Skills (SEC<br>Lab) | 30               | I               | 32223903             | Dec. 16 (M+E)   |
| BSc (H) Physics<br>Semester III<br>Renewable Energy &<br>Energy Harvesting<br>(SEC Lab) | 79               | II              | 32223905             | Dec. 16 (M+E),<br>17 (M+E)  |
| BSc (H) Physics<br>Semester III<br>Mathematical Physics-<br>II Lab                      | A – 57<br>B - 52 | Comp<br>Lab III | 32221301             | Sec A - Dec. 14 (M+E)  Sec B - Dec. 15 (M+E)                          |
| GE Lab<br>Sem. III<br>Wave & Optics Lab   | 20               | II              | 32225310             | Dec. 13 (M+E)   |

# **B.Sc Physical Sc. December 2022**

| Class                           | No. of   | Lab | UPC      | Dates                   |
|---------------------------------|----------|-----|----------|-------------------------|
|                                 | students |     | Code     |                         |
| B.Sc (PS) Semester              | Sec A-58 | I   | 42224303 | Sec A –                 |
| III                             | Sec B-63 |     |          | Dec. 10 (E), 11         |
| Thermal Physics and Statistical | Sec C-52 |     |          | (M+E) , 12 (M+E)        |
| Mechanics Practical             |          |     |          | Sec B –                 |
|                                 |          |     |          | Dec. 8 (M+E), 9         |
|                                 |          |     |          | (M+E), 10 (M)           |
|                                 |          |     |          | Sec C- Dec. 14          |
|                                 |          |     |          | (M+E), 15 (M+E)         |
| Bsc (PS) Semester               | 52       | VI  | 42514305 | Dec. 15 (M+E), 16 (M+E) |
| Communication                   |          |     |          | (IVI + L2)              |
| Electronics Practical           |          |     |          |                         |
| Bsc (PS) Semester               | 42       | VI  | 32223903 | Dec. 17 (M+E)           |
| III                             |          |     |          |                         |
| Electrical Circuits &           |          |     |          |                         |
| Network Skills (SEC             |          |     |          |                         |
| Lab)                            |          |     |          |                         |

(Dr. K.K. Gupta)
Deputy Superintendent
Practical Examination (Dec. 2022)
Department of Physics



Session: 2022-2023 (December 2022)

### Time of Commencement (Practical Sessions) \*:

• Morning Session(M): 09:00 AM onwards

• Evening Session (E): 01:00 PM onwards

# B.Sc. (Prog.) Life Sciences 3<sup>rd</sup> Semester and Essential Repeat (ER) students

| Sem. | UPC      | Title of Paper                  | Lab No. | Batches | Date &       |
|------|----------|---------------------------------|---------|---------|--------------|
|      |          |                                 |         |         | Time         |
|      |          |                                 |         | I       | 12/12/22     |
| III  | 42163302 | SEC: Biofertilizers             | Lab 2   |         | (M)          |
|      |          |                                 |         | II      | 12/12/22 (E) |
| III  | 42164301 | Plant Anatomy<br>and Embryology | Lab 1   | III     | 14/12/22     |
|      |          |                                 |         |         | (M)          |
|      |          |                                 |         | IV      | 14/12/22     |
|      |          |                                 |         |         | <b>(E)</b>   |
|      |          |                                 |         | V       | 15/12/22     |
|      |          |                                 |         |         | (M)          |
|      |          |                                 |         | VI      | 15/12/22 (E) |
|      |          |                                 |         | I       | 16/12/22     |
|      |          |                                 |         |         | (M)          |
|      |          |                                 |         | II      | 16/12/22 (E) |
|      |          |                                 |         |         |              |

### Essential Repeat students to contact the undersigned immediately

Dr. Suman Sharma Deputy Superintendent

Practical Examinations 2021-22



Session: 2022-2023 (December 2022)

**Time of Commencement (Practical Sessions) \*:** 

• Morning Session(M): 09:00 AM onwards

• Evening Session (E): 01:00 PM onwards

# B.Sc. (Hons.) Botany 3<sup>rd</sup> Semester and Essential Repeat (ER) students

| Semester | UPC      | Title of Paper                       | Lab No. | Batches | Date & Time                  |
|----------|----------|--------------------------------------|---------|---------|------------------------------|
| III      | 32163301 | SEC: Ethnobotany                     | Lab 4   |         | 10/12/22 (M)                 |
| III      | 32163302 | SEC: Intellectual Property<br>Rights | Lab 1   |         | 12/12/22 (M)                 |
| III      | 32161301 | Anatomy of Angiosperms               | Lab 3   | I<br>II | 15/12/22 (M)<br>15/12/22 (E) |
| III      | 32161302 | Economic Botany                      | Lab 4   | I<br>II | 16/12/22 (M)<br>16/12/22 (E) |
| III      | 32161303 | Genetics                             | Lab 3   | I<br>II | 17/12/22 (M)<br>17/12/22 (E) |
|          |          |                                      |         |         |                              |

### Essential Repeat students to contact the undersigned immediately

Dr. Suman Sharma Deputy Superintendent

Practical Examinations 2021-22



Session: 2022-2023 (December 2022)

**Time of Commencement (Practical Sessions) \*:** 

- Morning Session(M): 09:00 AM onwards
- Evening Session (E): 01:00 PM onwards

# B.Sc. (Hons.) 3<sup>rd</sup> Semester and Essential Repeat (ER) students

#### **GENERIC ELECTIVE**

| Semester | UPC      | Title of Paper                 | Lab No. | Batches | Date & Time  |
|----------|----------|--------------------------------|---------|---------|--------------|
| III      | 32165302 | Environmental<br>Biotechnology | Lab 2   | 1       | 14/12/22 (M) |

### Essential Repeat students to contact the undersigned immediately

Dr. Suman Sharma Deputy Superintendent

Practical Examinations 2021-22

# DATE-SHEET FOR PRACTICAL EXAMINATION **DEPARTMENT OF MATHEMATICS** B. Sc. (H) MATHEMATICS, B. Sc./B. A. (PROG.)

**SEMESTER- III – Nov-Dec, 2022** 

| Date &<br>Session                     | Course               | Semester | Unique<br>Paper<br>Code | Title of<br>Practical<br>Examination   | Timings/Batch/Venue  |
|---------------------------------------|----------------------|----------|-------------------------|--|--|
| 12 <sup>th</sup><br>Dec<br>2022       | B.Sc.<br>(H)<br>Math | III      | 32353301                | SEC-1: Latex and HTML                  | 9 am-11 am/Batch1/<br>Lab2<br>11:30 am-12:30<br>pm/Batch/ Lab2<br>1:00 pm-3:00<br>pm/Batch/ Lab2 |
| 13 <sup>th</sup><br>Dec<br>2022       | B.Sc. (H)            | III      | 32355301                | GE-<br>Differential<br>Equations       | 9 am-12noon/Batch1/<br>Lab1<br>9 am-12noon/Batch2/<br>Lab2                                       |
| 16 <sup>th</sup><br>Dec<br>2022       | B.Sc.<br>(H)<br>Math | III      | 32351303                | Multivariate<br>Calculus               | 9 am-12noon/Batch1/<br>Lab1<br>9 am-12noon/Batch2/<br>Lab2                                       |
| 17 <sup>th</sup><br>Dec<br>2022       | Physical<br>Science  | III      | 42353328                | SEC:<br>Computer<br>Algebra<br>Systems | 9 am-11 am/Batch1/<br>Lab1<br>11:30 am-12:30<br>pm/Batch/ Lab1<br>1:00 pm-3:00<br>pm/Batch/ Lab1 |
| 19 <sup>th</sup> Dec 2022  Iffat Jaha | B A<br>Prog          | III      | 62353327                | SEC:<br>Computer<br>Algebra<br>Systems | 9 am-11 am/Batch1/<br>Lab1<br>htact: 9868318818,   |

(Dr Iffat Jahan)

iffat.jahan@ramjas.du.ac.in

Deputy Superintendent, Practical Examinations,

Department of Mathematics,

# **PRACTICAL EXAM**

# **Physical Education**

Aerobics Training Practical Exam for semester 3rd semester(GE) will be held on-

- (1) 13/12/22 (Tuesday) for (All science courses, Hindi (Hons) & Political science (Hons).
- (2) 14/12/22(Wednesday) All Remaining Arts courses.