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Kautilya

Mahila Shikshak Prashikshan Mahavidyalaya

ASSIGNMENT WORK

The report should cover the following information:

1. Name of Course
2. Name of Student
3. Father's Name
4. Examination Roll No
5. Name of College
6. Name of Paper
7. Title of the Topic (Project Report)
8. No. of Unit of Topic (as per prescribed syllabus)
9. Introduction about the Topic
10. Detail/Analysis about the Topic
11. Conclusion of the Topic
12. References

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Mahila Shikshak Prashikshan Mahavidyalaya

Class : B.Sc. B.Ed. IV Semester

Session: 2025-2026

Subject : Zoology

Subject Code: ZOO5234T

Name of Paper: Mammalian Physiology & Endocrinology

Assignment topics are allotted according to Attendance Roll Number. After Roll No. 14, the topic allotment sequence will be repeated from Topic No. 1.

1. Alimentary Canal: Structure with colourful diagram on chart paper
2. Respiratory disorders with colourful diagram
3. ABO blood group system with colorful chart
4. ECG with colourful diagram
5. Cardiac Cycle with colourful diagram
6. Urine Formation with linear diagram on chart paper
7. Brain: Parts and Ventricles with colourful diagram on chart paper
8. Disorders of nervous system with colourful diagram on chart paper
9. Male Reproductive System with colourful diagram
10. Birth Control devices with colourful diagram
11. Thyroid, Parathyroid and Pineal glands with colourful diagram on chart paper
12. IVF AND GIFT technique with suitable diagrams
13. ZIFT AND ICSI technique with suitable diagrams
14. Female reproductive system with colourful diagram

Instructions for Students

- Assignment should be handwritten.
- Minimum 8–10 pages.
- Draw neat and colorful labeled diagrams wherever applicable.
- Include Introduction, Main Content, Diagram(s), and Conclusion.
- Write References at the end.
- Submit on or before the prescribed date.

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Mahila Shikshak Prashikshan Mahavidyalaya

Class: B.Sc. B.Ed. IV Semester

Session: 2025-2026

Subject: Physics

Subject Code: PHY401

Name of Paper: Electronics

Assignment Topics are allotted according to Attendance Roll Number. After Roll No.07, the topic allotment sequence will be repeated from Topic No. 1.

1. Kirchoff's law
2. Thevenin theorem
3. P- type and N-type semiconductor
4. Current equation of p-n Junction Diode
5. Logic gates
6. Metal oxide semiconductor field effect transistor
7. Transistor amplifier

Instructions for Students

➤ Assignment should be handwritten.

➤ Minimum 8-10 pages.

➤ Draw neat and colorful labeled diagrams wherever applicable.

➤ Include Introduction, Main content, Diagram(s), and Conclusion.

➤ Write References at the end.

➤ Submit on or before the prescribed date.

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Mahila Shikshak Prashikshan Mahavidyalaya

Class : B.Sc. B.Ed. IV Semester

Session: 2025-2026

Subject : Botany

Subject Code: BOT5133T

Name of Paper: Angiosperm Taxonomy, Anatomy and Embryology

Assignment Topics are allotted according to Attendance Roll Number. After Roll No.15, the topic allotment sequence will be repeated from Topic No. 1.

1. The shoot apical meristem and its histological organization
2. Root Apical Meristem
3. Secondary growth in stem (Normal and Anomalous)
4. Secondary growth in root (Normal and Anomalous)
5. Contributions of cytology, phytochemistry and taximetrics to taxonomy.
6. Fruit development and maturation.
7. formation of seed, endosperm and embryo
8. Fundamental components of Taxonomy
9. Origin and Evolution of Angiosperms
10. Ancestors of Angiosperms
11. Primitive families and their important genera of angiosperm.
12. Engler & Prantl classification
13. Fabaceae: family Characteristiccs
14. Poaceae: family Characteristiccs
15. self-incompatibility

Instructions for Students

➤ Assignment should be handwritten.

➤ Minimum 8-10 pages.

➤ Draw neat and colorful labeled diagrams wherever applicable.

➤ Include Introduction, Main content, Diagram(s), and Conclusion.

➤ Write References at the end.

➤ Submit on or before the prescribed date.

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Mahila Shikshak Prashikshan Mahavidyalaya

Class : B.Sc. B.Ed. IV Semester

Session: 2025-2026

Subject : Mathematics

Subject Code: MAT401T

Name of Paper: Mathematics - IV

Assignment Topics are allotted according to Attendance Roll Number. After Roll No.07, the topic allotment sequence will be repeated from Topic No. 1.

1. Formation of partial differential equations.
2. First order Linear PDE's (Lagrange's Equation).
3. Non-Linear PDE's (Charpit's method).
4. S.H.M. (Simple Harmonic Motion).
5. Projectiles.
6. Boundedness of sequences.
7. Velocity & Acceleration

Instructions for Students

➤ Assignment should be handwritten.

➤ Minimum 8-10 pages.

➤ Include Introduction, Main content, Formula(s) and Conclusion.

➤ Write References at the end.

➤ Submit on or before the prescribed date.

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Mahila Shikshak Prashikshan Mahavidyalaya

Class : B.Sc. B.Ed. IV Semester

Session: 2025-2026

Subject : Chemistry

Subject Code: CHE-433-T

Name of Paper: Chemistry-IV

Assignment Topics are allotted according to Attendance Roll Number alternatively.

1. **Alfred Werner – Coordination Theory and Complex Compounds**
2. **Walther Nernst – Nernst Equation and Thermodynamics**

Instructions for Students

➤ **Prepare a scrapbook/project on the assigned *scientist covering:**

***Biography**
***Major Discoveries**
***Contributions to Chemistry**
***Awards and Honors**
***Applications of Their Work**
***Conclusion**
***References/Bibliography**

Submission : Handwritten scrapbook with relevant pictures, diagrams, and charts.

➤ Submit on or before the prescribed date.

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Mahila Shikshak Prashikshan Mahavidyalaya

Class : B.Sc. B.Ed. IV Semester

Session: 2025-2026

Subject : B.Ed.

Paper Code - BAE 404/DCC

Name of Paper: - Learning and Teaching

1. Seminars discussions, movie appraisals, group work. Field works.
   संगोष्ठियाँ, चर्चाएँ, चलचित्र (फिल्म) समीक्षा, समूह कार्य एवं क्षेत्रीय कार्य।
2. Prepare a children's literature handbook.
   बाल साहित्य की हस्तपुस्तिका (हैंडबुक) तैयार कीजिए।

Kautilya Mahila Shikshak Prashikshan Mahavidyalaya IQAC COORDINATOR

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KAUTILYA MAHILA SHIKSHAK
PRASHIKSHAN MAHAVIDYALAY
NAYAGAON,KOTA (RAJ.)

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