

नेतरहाट आवासीय विद्यालय
हिन्दी विभाग
वर्षावकाश गृह कार्य (2026)

कक्षा-सात:

1. पाठ्यपुस्तक के अतिरिक्त कोई दस स्तरीय हिंदी कविता लिखें तथा याद करें।
2. वर्षावकाश के किन्हीं पंद्रह दिनों के दैनिक अनुभवों को डायरी-लेखन शैली में लिखिए।
3. निम्नलिखित विषयों पर लगभग 120 शब्दों में निबंध लिखें।

क. मेरा प्रिय विषय	ख. देश में बढ़ता भ्रष्टाचार
ग. झारखंड के प्रमुख त्योहार	घ. मीठी वाणी का महत्त्व
ड. छात्र जीवन और अनुशासन	च. योग का महत्त्व
छ. विज्ञान के चमत्कार	ज. मोबाइल: वरदान या अभिशाप

कक्षा-आठ:

1. पाठ्यपुस्तक के अतिरिक्त कोई दस स्तरीय हिंदी कविता लिखें तथा याद करें।
2. वर्षावकाश के किन्हीं दस दिनों के दैनिक अनुभवों को डायरी-लेखन शैली में लिखिए।
3. निम्नलिखित विषयों पर लगभग 150 शब्दों में निबंध लिखें।

क. नैतिक शिक्षा का महत्त्व	ख. खेल और स्वास्थ्य
ग. झारखंड के प्रमुख त्योहार	घ. भारतीय किसान
ड. सोशल मीडिया का बढ़ता प्रभाव	च. जल संरक्षण: आज की आवश्यकता
छ. समय का सदुपयोग	ज. मेरा प्रिय त्योहार

कक्षा-नौ:

1. पाठ्यपुस्तक के अतिरिक्त कोई दस स्तरीय हिंदी कविता लिखें तथा याद करें।
2. वर्षावकाश के किन्हीं दस दिनों के दैनिक अनुभवों को डायरी-लेखन शैली में लिखिए।
3. निम्नलिखित विषयों पर लगभग 150 शब्दों में निबंध लिखें।

क. सोशल मीडिया: एक धीमा जहर	ख. नेतृत्व-कौशल: आज की आवश्यकता
ग. जलवायु परिवर्तन: गहराता संकट	घ. नारी-सशक्तीकरण
ड. बढ़ते भूस्खलन: राष्ट्रीय संकट	च. अंतरराष्ट्रीय महिला दिवस
छ. इंटरनेट: ज्ञान का भंडार या भटकाव का साधन	ज. राष्ट्रीय एकता और अखंडता

NETARHAT AWASIYA VIDYALAYA, NETARHAT
DEPARTMENT OF ENGLISH
READING AND WRITING COMPETITION, 2026
SENIOR GROUP (9 to 12)

A. TOPICS FOR ESSAY WRITING

- The Impact of AI on the Future of Education
- Pros and Cons of Online Learning vs. In-Person Learning
- The Role of Social Media in Shaping Teenagers' Worldviews
- Climate Change and Its Effects on Future Generations
- Should Schools Teach Practical Life Skills (like Budgeting)?
- The Importance of Raising Mental Health Awareness
- Plastic: Boon or Curse to the Environment?
- The Significance of Sports and Exercise in Student Life
- Impact of Fast Fashion on the Environment
- Road Safety Awareness: The Need of the Hour
- The Day Technology Stopped Working Worldwide
- A Letter from the Future Changes Everything
- Discovering a Hidden Talent That Changes Your Life
- A Life-Changing Summer Adventure
- A Secret Society in the High School

B. POEM & STORY WRITING COMPETITION (Word limit: 250 - 300 words)

Option 1: Classic + Open-ended

*Write a short story based on your own imagination.

_Your story can be about any theme — adventure, mystery, friendship, or fantasy. Give it a suitable title and let your creativity flow.

Option 2: Personal touch

"The Day I Became the Hero of My Own Story"

_Weave an original tale where you are the main character. It can be real, exaggerated, or completely fictional — but it should be yours.

Option 3: For rainy vacation theme

"An Unexpected Adventure During the Rainy Vacation"

_Imagine you're on your rainy vacation and something unexpected happens. Craft an original story describing what happened next.

Option 4: Inspiring

"If I Could Write My Future, This Is How the Story Would Go"

Pen down an original story about a dream, goal, or moment from your imagined future. Make it vivid and personal.

Note: 1) submit the topic till 20/08/2026

2) Plagiarism of any kind will not be accepted

3) Judging criteria: Creativity, plot, language, and title.

Handwritten signature
(H.O.D English)

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(Principal) 19/08/26

NETARHAT AWASIYA VIDYALAYA, NETARHAT
DEPARTMENT OF ENGLISH
READING AND WRITING COMPETITION, 2026
SENIOR GROUP (9 to 12)
ARTICLE WRITING COMPETITION

Social & Current Issues

1. Social Media: Boon or Bane for Teenagers?
2. The Impact of Artificial Intelligence on Future Jobs
3. Climate Change: Whose Responsibility Is It?
4. Online Learning vs Classroom Learning — Which Works Better?
5. Mental Health Matters: Breaking the Stigma in Schools

Environment & Sustainability

6. Plastic-Free Schools: A Dream or a Possibility?
7. Water Conservation — Every Drop Counts
8. Should Fast Fashion Be Banned to Save the Planet?
9. The Role of Youth in Fighting Global Warming
10. My Vision for a Green India by 2047

Personal Growth & Values

11. The Power of Reading in the Digital Age
12. Failure Is the Stepping Stone to Success — Do You Agree?
13. Time Management: The Skill Every Student Needs
14. Is Academic Pressure Killing Creativity?
15. Kindness Costs Nothing But Means Everything

Technology & Innovation

16. Are Smartphones Making Us Smart or Lonely?
17. Space Exploration: Waste of Money or Gateway to the Future?
18. Cyberbullying — How Can Students Fight Back?
19. Should There Be an Age Limit for Using Social Media?
20. The Future of Education with ChatGPT & AI Tools

Light + Creative Angles

21. If I Were the Education Minister for a Day
22. A Day Without Internet — Chaos or Calm?
23. Sports Should Be Compulsory in Every School — Agree or Disagree?
24. My Dream Vacation and What It Taught Me
25. Books vs Movies: Which Tell Stories Better?

Note: 1) submit the topic till 20/08/2026

2) Plagiarism of any kind will not be accepted

3) Judging criteria: Creativity, plot, language, and title.

Ash Hansra
19/06/26
(H.O.D English)

Netarhat Awsiya Vidyalaya

Che
19/06/26
(Principal)

Netarhat Awsiya Vidyalaya

NETARHAT AWASIYA VIDYALAYA, NETARHAT

Biology Homework for Rainy Vacation, 2026

For Class-7-

1. Memorize scientific names of 20 common plants and 20 common animals.
2. List name of 10 biologist and briefly write about their contributions in the field of biological science.
3. Read chapter no. –9(Life processes in animals) of ncert class 7 science book (Curiosity). Solve all the questions given in the end of that chapter.

For Class-8-

1. Memorize scientific names of 20 common plants and 20 common animals.
2. Observe environment around your home and prepare a project report or write essay(in 1000 words) on how human activities affect our environment.
3. Read chapter no. – 12 (How nature works in harmony) of ncert class 8 science book (Curiosity). Solve all the questions given in the end of that chapter.

For Class-9-

1. Talk to elder members of your family and try to know their views regarding changing environmental conditions and its effect on our daily life. List views of your father, mother, grandfather, grandmother, maternal grandmother, maternal grandfather etc.
2. List and Memorize name of water and fat soluble vitamins, its chemical name, It's food source and disease due to its deficiency.
3. chapter no. 12(Patterns in Life: Diversity and Classification) of class 9ncert science book (Exploration). Solve all the questions given in the end of that chapter.

नेतरहाट आवासीय विद्यालय:

संस्कृत विभाग:

वर्षावकाश गृहकार्यम्

जून-2026

नोट:- छात्र संस्कृत व्याकरण की पुस्तक की सहायता लेंगे।

कक्षा :- दशमी

1. बालक , युष्मद्, अस्मद्, नदी एवं लता के शब्द रूप लिखें एवं स्मरण करें।
3. वाच्य एवं समास से 10-10 उदाहरण लिखें।
4. विगत 3 वर्षों के प्रश्नपत्र (CBSE) हलकरें।
5. संख्यावाची (1-100) संस्कृत में लिखें एवं स्मरण करें।
6. पठितपाठ "सुभाषितानि" के सभी सुभाषितों को लिखें एवं स्मरण करें।
7. पठ्, गम्, चल्, दृश्, स्था एवं लिख् धातुओं के रूप पांचों लकारों में लिखें एवं स्मरण करें।

कक्षा :- नवमी

1. बालक , युष्मद्, अस्मद् एवं किम् (तीनों लिंगों में), नदी, लता शब्दरूप लिखे एवं स्मरण करना है।
2. पठ्, गम्, चल्, दृश्, स्था, लिख् धातुरूप पांचों लकारों में लिखें एवं स्मरण करें।
3. उपसर्ग एवं अव्यय का प्रयोग करते हुए 20 वाक्य लिखें।

कक्षा :- अष्टमी

1. कारक किसे कहते हैं? इसके भेद उदाहरण सहित लिखें?
2. अपने स्मरण से किसी पाठ का सारांश लिखें?
3. अपनी पाठ्य पुस्तिका के तृतीय पाठ के सभी श्लोकों को लिखें एवं याद करें।
4. संस्कृत में अनुवाद करें :-

वह पढ़ता है।

तुम लिखते हो।

क्या तुम जाते हो?

तुम कौन हो?

हम सभी जाते हैं।

कक्षा :- सप्तमी

1. बालक, लता एवं फलम् (तीनों लिंगों में) शब्दरूप लिखें।
2. पठ्, गम्, चल्, दृश्, स्था, लिख् धातुरूप पांचों लकारों में लिखें एवं स्मरण करें।

हस्ताक्षर
18/06/26
(संस्कृत विभागाध्यक्ष)

Rainy Vacation 2026 Home work

Mathematics Class 9

Instructions:* Use a separate Mathematics notebook.

- * Draw neat diagrams and graphs.
- * Show all calculations and steps clearly.
- * Use colours wherever required.
- * Maintain neatness and accuracy.
- * Submit the homework after the Rainy Vacation.

1. Solve question paper of Half-Yearly examination 2026.
2. Students are required to collect 20 questions (with solution) from each completed chapter (chapter 1 to 7), from NCERT Exemplar or other reference books.
3. Explain the following properties of Real Numbers with 10 examples of each:
 - (i) Closure Property
 - (ii) Commutative Property
 - (iii) Associative Property
 - (iv) Distributive Property
4. Explain the concept of Real Numbers on the Number Line with 10 examples. Represent Rational and Irrational Numbers on the Number Line.
5. Explain different types of Triangles and their properties with neat coloured diagrams.
6. Explain different types of Quadrilaterals and their properties with coloured paper diagrams. Compare their similarities and differences.
7. Explain the concept of Polynomials, Degree, Coefficients and Zeroes with 10 suitable examples.
8. Explain Linear Equations in Two Variables and show their graphical representation with 10 examples on graph paper.
9. Explain the concept of Factorization of Polynomials with 10 solved examples.
10. Solve 10 real-life word problems based on Linear Equations in Two Variables.
11. Explain Euclid's Geometry, Euclid's Five Postulates and Five Common Notions with suitable examples and figures.
12. Write and prove:
 - (a) Angle Sum Property of a Triangle
 - (b) Exterior Angle Property of a Triangle
 - (c) Vertically Opposite Angles Theorem
13. Write the statements and detailed proofs of any five theorems from the Class IX Mathematics syllabus.
14. Any four of the following project works are to be undertaken during the rainy vacation:
 - a. Create a "Real Numbers in Daily Life" chart. Collect examples of rational and irrational numbers from real-world contexts (e.g., square roots in

geometry, fractions in recipes, recurring decimals in finance). Present them with explanations and diagrams.

- b. Design a "Polynomial Art Project." Use polynomial curves (like quadratic or cubic graphs) to create artistic patterns. Plot them on graph paper or digitally, and explain how changing coefficients alters the shape.
- c. Map your school or neighbourhood using coordinate geometry. Assign coordinates to important locations (classrooms, library, playground) and plot them on a Cartesian plane. Show distances between points using distance formula.
- d. "Budget Planning with Equations." Create a scenario (e.g., buying notebooks and pens). Form linear equations for cost combinations, solve them graphically, and explain how equations help in real-life decision-making.
- e. Prepare a "Euclid's Postulates in Action" project. Demonstrate each postulate using simple tools (scale, compass, protractor) and real-life examples (parallel roads, angles in construction). Include diagrams and proofs.
- f. "Angles in Architecture." Take photographs of buildings, bridges, or classroom structures. Identify angles formed (complementary, supplementary, vertically opposite). Verify them using geometry rules and present findings.
- g. History of Number System
- h. Famous Indian Mathematicians and their Contributions
- i. Applications of Coordinate Geometry in Daily Life

Suggested Format for project work

1. **Introduction** – Brief explanation of the topic.
2. **Objective** – What the project aims to show.
3. **Methodology** – Steps taken, data collected, or problems solved.
4. **Mathematical Work** – Equations, calculations, diagrams.
5. **Conclusion** – Key findings and applications.
6. **Bibliography** – Sources or references used.


19/08/26

DEPARTMENT OF PHYSICS

Rainy-Vacation Homework – 2026

Class 7th

To study & solve the NCERT Textbook (Curiosity : Textbook of Science for Class 7th) exercise from the following chapters:-

1. Electricity : Circuits & their Components
2. Heat Transfer in Nature

Class 8th

To study & solve the NCERT Textbook (Curiosity : Textbook of Science for Class 8th) exercise from the following chapters:-

1. Pressure, Winds, Storms & Cyclones
2. Light : Mirrors & Lenses

Class 9th

To study & solve the NCERT Textbook (Exploration : Textbook of Science for Class 9th) exercise from the following chapters:-

1. How Forces Affect Motion
2. Work, Energy & Simple Machines

Class 10th

To solve the Physics questions of at least 5 previous years CBSE board question papers of Science, asked from the following chapters:-

1. Light – Reflection & Refraction
2. Human Eye & Colourful World
3. Electricity

Link:- www.cbse.gov.in/cbsenew/question-paper.html

Class 11th

To study & solve the NCERT Textbook exercise & NCERT Exemplar Problems from the following chapters:-

1. Units & Measurements
2. Motion in a Straight Line
3. Motion in a Plane
4. Laws of Motion
5. Work, Energy & Power
6. System of Particles & Rotational Motion
7. Gravitation

Class 12th (Science)

To solve the questions of at least 5 previous years CBSE board question papers of Physics, asked from the following chapters:-

1. Electric Charges & Fields
2. Electrostatic Potential & Capacitance
3. Current Electricity
4. Moving Charges & Magnetism
5. Electromagnetic Induction
6. Ray Optics & Optical Instruments

Link:- www.cbse.gov.in/cbsenew/question-paper.html

&

To prepare an 'Investigatory Project' as per the CBSE curriculum.

Netarhat Awasiya Vidyalaya

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Rainy vacation homework for class 9

1. Write electronic configuration of elements having atomic number 1 to 50.
2. Explain Rutherford's atomic model with suitable diagram.
3. Explain Bohr's atomic model.
4. Write symbol and name of all the gases from periodic table.
5. Write symbol and name of all the non-metal from periodic table.
6. Write symbol and name of all the metalloids from periodic table.

20/06/26
HOD Chemistry

NETARHAAT AWASIYA VIDYALAYA
DEPARTMENT OF GEOGRAPHY (वर्षावकाश गृहकार्य, 2026)

CLASS: 9thA

SUBJECT: GEOGRAPHY

Q.No.1 Explain about the Interior of the Earth with level diagram.

पृथ्वी की आंतरिक संरचना के विषय में सचित्र वर्णन कीजिए।

Q.No.2 Discuss about Seasons of India.

भारत के प्रमुख ऋतुओं के विषय में वर्णन कीजिए।

Q.No.3 Draw and label the erosional and depositional landforms developed by work of River on a chart paper.

नदी के अपरदनात्मक एवं निक्षेपणात्मक कार्यों द्वारा उत्पन्न स्थलाकृतियों का चार्ट पेपर पर नामांकित चित्र बनाए।

Project work

Topic - Disaster Management

(Note: Project work should be in hand written and there must be an integration of Art.

: Art should be drawn by hand.)

NETARHAAT AWASIYA VIDYALAYA
DEPARTMENT OF GEOGRAPHY (वर्षावकाश गृहकार्य, 2026)

CLASS: 9thB

SUBJECT: GEOGRAPHY

Q.No.1 Explain about the Interior of the Earth with level diagram.

पृथ्वी की आंतरिक संरचना के विषय में सचित्र वर्णन कीजिए।

Q.No.2 Discuss about Seasons of India.

भारत के प्रमुख ऋतुओं के विषय में वर्णन कीजिए।

Q.No.3 Draw and label the erosional and depositional landforms developed by work of Under Ground water on a chart paper.

भूमिगत जल के अपरदनात्मक एवं निक्षेपणात्मक कार्यों द्वारा उत्पन्न स्थलाकृतियों का चार्ट पेपर पर नामांकित चित्र बनाए।

Project work

Topic - Disaster Management

(Note: Project work should be in hand written and there must be an integration of Art.

: Art should be drawn by hand.)

NETARHAAT AWASIYA VIDYALAYA
DEPARTMENT OF GEOGRAPHY (वर्षावकाश गृहकार्य, 2026)

CLASS: 9thC

SUBJECT: GEOGRAPHY

Q.No.1 Explain about the Interior of the Earth with level diagram.

पृथ्वी की आंतरिक संरचना के विषय में सचित्र वर्णन कीजिए।

Q.No.2 Discuss about Seasons of India.

भारत के प्रमुख ऋतुओं के विषय में वर्णन कीजिए।

Q.No.3 Draw and label the erosional and depositional landforms developed by work of Wind on a chart paper.

हवा के अपरदनात्मक एवं निक्षेपणात्मक कार्यों द्वारा उत्पन्न स्थलाकृतियों का चार्ट पेपर पर नामांकित चित्र बनाए।

Project work

Topic - Disaster Management

(Note: Project work should be in hand written and there must be an integration of Art.

: Art should be drawn by hand.)

09th Political Science

1. Assembly elections are usually held every year in a few states of the country. You can collect information about West Bengal, Tamil Nadu, Assam, Kerala and Puducherry.

विधानसभा चुनाव आमतौर पर हर साल देश के कुछ राज्यों में होते हैं। आप बंगाल, तमिलनाडु, असम, केरल, और पुदुचेरी के बारे में जानकारी इकट्ठा करें

2. What is the full form of SVEEP ? What are the role and responsibility of Election Commission of India ?

स्वीप का पूरा नाम क्या है ? चुनाव आयोग के कार्य और दायित्व क्या है ?

3. How dirty words and obscenity are being shown in the name of reel, how will you avoid this ?

रील के नाम पर कैसे गंदगी और अश्लीलता दिखाई जा रही है ? आप इससे कैसे बचेंगे ?

4. When Parliament is in session, there is a special programme everyday on Doordarshan about the proceedings in Lok Sabha and Rajya Sabha. Watch the proceedings or read about it in the newspapers and note the following.

दूरदर्शन टीवी पर मानसून सत्र को देखते हुए निम्न चीजों को नोट करें

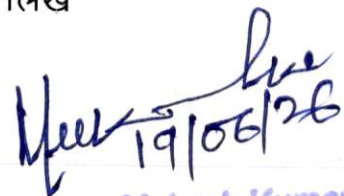
- Powers of the two Houses of Parliament (संसद के दोनों सदन के अधिकार)

- Role of the Speaker (अध्यक्ष की भूमिका)

- Role of the Opposition. (विपक्ष की भूमिका)

5. List the names of five Cabinet Ministers and their ministers each at the union level and in your Jharkhand State.

केंद्र और राज्य सरकार के पांच कैबिनेट मंत्रियों के नाम लिखें



NETARHAT AWSIYA VIDYALAYA

NETARHAT

Rainy Vacation Homework 2026 – Economics

Class 9th

Part A

1) Define the following terms:

Poverty

Unemployment

Human Capital

Sustainable Development

2) Explain any three causes of poverty in India.

3) Write a short note (100–150 words) on the importance of education in economic development.

Part B: Project Work

1) Topic: Economic Activities in Your Local Area.

Visit your nearby market or locality. Identify at least 10 people engaged in different economic activities.

Classify them into:

Primary Sector

Secondary Sector

Tertiary Sector

Prepare a table and write your observations.

Pawal K
20/6/26.

17/06/26

नेतरहाट आवासीय विद्यालय

वर्षावकाश-2026 गृहकार्य

1.कक्षा सप्तम

- 1.विद्यालय-प्रार्थना के सभी गीतों को सुन्दर और स्पष्ट अक्षरों में लिखें तथा याद करें।
- 2.सुन्दर अक्षरों में सम्पूर्ण राष्ट्रीय गीत को लिखें तथा याद करें।
- 3.जीवन में संगीत के महत्त्व पर अपने विचार (लगभग १०० शब्दों में) व्यक्त करें।

2.कक्षा अष्टम

- 1.विद्यालय प्रार्थना के सभी गीतों को सुन्दर और स्पष्ट अक्षरों में लिखें तथा याद करें।
- 2.सुन्दर अक्षरों में सम्पूर्ण "राष्ट्रीय गीत" को लिखें तथा याद करें।
- 3.अपने वाद्य यन्त्र का एक सुन्दर चित्र बनाकर इसके सभी अंगों के नाम लिखें।

3.कक्षा नवम

- 1.परिभाषा लिखें-(i)वादी स्वर, (ii)संवादी स्वर, (iii)संगीत, (iv)सप्तक (भेद सहित) (v)लय (भेद सहित)
- 2.सुन्दर अक्षरों में सम्पूर्ण राष्ट्रीय गीत को लिखें तथा याद करें।
- 3.अपने वाद्य यन्त्र का एक सुन्दर चित्र बनाकर इसके सभी अंगों के नाम लिखें।

4.कक्षा दशम

- 1.परिभाषा लिखें-(i)वादी स्वर, (ii)संवादी स्वर, (iii)संगीत, (iv)सप्तक (भेद सहित) (v)लय (भेद सहित)
- 2.सुन्दर अक्षरों में सम्पूर्ण राष्ट्रीय गीत को लिखें तथा याद करें।
- 3.अपने वाद्य यन्त्र का एक सुन्दर चित्र बनाकर इसके सभी अंगों के नाम लिखें।

5.कक्षा एकादश (गायन)

- 1.जीवनी लिखें- (i)पंडित विष्णु दिगंबर पलुस्कर और (ii)पंडित विष्णु नारायण भातखंडे
- 2.निम्नलिखित तालों का पूर्ण परिचय देते हुए लिपिबद्ध करें- (i)तीनताल (ii)चारताल, (iii)एकताल

टिपण्णी :- सभी छात्र अपने गृहकार्य को संगीत की अभ्यास पुस्तिका में ही बनाकर जमा करेंगे।

वर्षावकाश-25 आप सभी के लिए शुभ और मंगलदायक हो।

॥धन्यवाद॥

17/08/26
17/06/26
अध्यक्ष (संगीत विभाग)

NETARHAT AWASIYA VIDYALAYA, NETARHAT

AGRICULTURE DEPARTMENT

HOME WORK JUNE 2026

CLASS -VII

Write and Remember botanical name of the followings–

निम्नलिखित के वानस्पतिक नाम लिखें एवं याद करें

- (a) Ten Vegetables (दस सब्जी) (b) Ten Fruits (दस फल)
(c) Ten Flowers (दस फूल) (d) Ten Medicinal plants (दस औषधीय पौधे)
(e) Ten Ornamental plants (दस सजावटी पौधे) (e) Ten Cereals (दस अनाज)
-

CLASS -VIII

Prepare fair notes for Mango and Rose cultivation.

Write in details- Plants propagation and its different method with diagram.

CLASS – IX

Prepare chapter end question-answers of unit 1, 2 and 3

CLASS – X

(1) Prepare a fair notes and chapter end question-answers of the following chapters –

- (a) Agricultural production and management.
(b) Production and management of Horticultural crops.
(2) Learn in details- Chapter no 3 and 4.
-

CLASS – XI

(1) Learn and prepare a fair note of the following chapters –

- (a) Scope and Importance.
(b) Physical Environment.
(c) Agriculture Economics – Package and cultivation practices of Rice, Wheat, Mango, Potato, Pea, Soybean, Jute, Sugarcane, Rose and Marigold.
-

CLASS – XII

(1) Prepare a fair notes of the following chapters –

- (a) Advance crop production.
(b) Organic Farming.
(c) Subsidiary enterprises of agriculture.
(2) Solve at least 05 full syllabus Sample paper.

Mamta Kumari

(Mamta Kumari) 18/06/26

Agriculture Instructor

Netarhat Awasiya Vidyalaya