

DAV Public School, DVC MTPS, Bankura
Summer Holiday Homework 2026

Class: XII

Subject: English

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- 1. How do the issues portrayed in the lessons *Lost Spring* and *The Last Lesson* continue to exist in present-day society? Prepare a research-based magazine article titled “Voices beyond Time” based on your personal analysis of the social issues discussed in the lessons.**

 - 2. How do fear, trauma, courage, and emotional conflict shape human behaviour in literature? Analyse the psychological journey of the characters from *Deep Water* and *My Mother at Sixty-six* in the light of the above question. Add a reflective commentary in the conclusion.**

 - 3. Why is the preservation of language and cultural heritage important in the modern world? Answer the question in relation to your understanding of *The Last Lesson*.**

 - 4. How does imagination help individuals escape from stress and reality? Using *The Third Level* as the base text, write a creative journal containing a comparative analysis between reality and fantasy.**

Business Studies Project
Class XII

Group A: Principles of Management

Group Leader: Rakesh Mondal

Members:
Anik Mondal
Mainak Karmakar
Anubhav Pathak
Saptaparna Singha Deo

Group B: Business Environment

Group Leader: Anindita Chatterjee

Members:
Rudranil Manna
Sumedha Maity
Aryan Halder
Soumili Kundu

Group C: Marketing Management

Group Leader: Rishikesh Ray

Members:
Arpan Goswami
Emon Ganguly
Devraj Das
Angad Biswas

Date of Submission - 17th June 2026
The project must follow CBSE guidelines explained in the class

Accountancy Project Class:XII

Group A: - Nestle

Group B: - Tanishq

Group C: - Asian Paints

Content:

a. Introduction

b. Consolidated Reports (Printed form)

- Statement of P/L

- Balance sheet

- Cash Flow Statement

c. Ratios:

Current ratio, Liquidity ratio, Debt equity ratio, Proprietary Ratio, Inventory Turnover ratio, Trade Receivable Turnover ratio, Trade Payable Turnover ratio, Gross profit ratio, Net profit ratio, Return on investment

(Graph on blank paper and not more than 2 ratios per page)

d. Comment on ratios and cash flow statement will be later on.

D.A.V. PUBLIC SCHOOL, DVC, MTPS, Bankura
Summer Holiday Home Work 2026

Class : XII

Subject :Physical Education

Q.NO.	QUESTION
1.	<p>Riya, a young athlete, started skipping meals to reduce body weight quickly before a competition. After some time, she developed weakness and irregular menstrual cycles.</p> <p>Questions:</p> <ol style="list-style-type: none">1. Which condition is indicated here?2. Name one health risk involved.3. Suggest two preventive measures.
2.	<p>Assertion (A): Proper planning is essential for successful sports events.</p> <p>Reason (R): Different committees perform specific responsibilities.</p> <p>(a) Both A and R are true and R is the correct explanation of A. (b) Both A and R are true but R is not the correct explanation of A. (c) A is true but R is false. (d) A is false but R is true.</p>
3.	<p>Neha, a Physical Education teacher, is planning to organize a Zonal Athletics Meet in her school. She wants to ensure proper time management, smooth conduct, and active participation.</p> <p>Answer the following questions:</p> <ol style="list-style-type: none">1. Why is planning important before organizing such a big event?2. Which type of tournament is best for athletics events and why?3. Mention two committees Neha must form and their responsibilities.4. What are the objectives of tournament planning?5. How does planning help in reducing errors during the event?
4.	<p>The physical education teacher of DAV Public School is planning the Annual Sports Day. She wants to ensure maximum participation, smooth conduct of events, and proper management of resources. She has decided to follow systematic planning which includes budgeting, choosing the right dates, preparing a fixture, and assigning duties to teachers and student volunteers.</p> <p>Based on the above case, answer the following questions:</p> <ol style="list-style-type: none">1. Which type of planning is being followed by the teacher?

	<p>a) Long-term planning</p> <p>b) Short-term planning</p> <p>c) Contingency planning</p> <p>d) None of the above</p>
5.	<p>The female athlete triad includes:</p> <p>(a) Obesity, diabetes, hypertension</p> <p>(b) Amenorrhea, osteoporosis, eating disorders</p> <p>(c) Stress, anxiety, depression</p> <p>(d) Asthma, fatigue, dehydration</p>
6	<p>Prepare a league fixture using the tabular method for 6 teams participating in an inter-house football tournament</p>
7	<p>avi, a 17-year-old student, often complains of back pain and is observed walking with a hunched back. His Physical Education teacher suspects that he might have a postural deformity.</p> <p>Answer the following questions based on the given situation:</p> <ol style="list-style-type: none"> 1. Name the postural deformity Ravi is likely suffering from. 2. Mention any two causes of this deformity. 3. Suggest two corrective measures or exercises for his condition. 4. List any two other common postural deformities. 5. Why is it important to correct postural deformities at an early age?
	<p>*PRACTICAL- PROCEDURE FOR ASANAS, BENEFITS AND CONTRADICATION FOR ANY FIVE ASANAS FOR EACH LIFESTYLE DISEASE.</p>

D.A.V. Public School, DVC MTPS, Bankura
Summer Holiday Homework- 2026

Class: XII

Subject: Painting / Fine Arts (Code 049)

Theory UNIT -1

1. Define "Ragamala" paintings and explain their artistic significance.
2. State any two distinctive artistic features of the Kishangarh Sub-School.
3. Why is the painting 'Maru Ragini' historically significant in tracing Rajasthani art history?
4. Mention two key stylistic traits of the Mewar Sub-School of painting.
5. What major thematic shift occurred in Mewar painting during the 18th century?
6. How did the Pahari School of painting evolve historically?
7. Identify the key differences between the Basohli and Kangra sub-schools
8. How is nature represented in Pahari miniature paintings?
9. Trace the origin, development, and main aesthetic characteristics of the Rajasthani School of Miniature Painting
10. Analyze the miniature painting 'Radha (Bani Thani)' of the Kishangarh Sub-school based on its specific structural parameters.
11. Discuss the origin and development of the Pahari School. Critically evaluate how the Basohli and Kangra sub-schools differ stylistically.
12. Who painted the famous Rajasthani masterpiece 'Radha (Bani Thani)'?
13. Describe the aesthetic depiction of the sky and water in the Rajasthani painting Krishna on Swings.
14. How does the painting Nand, Yashoda and Krishna with Kinsmen Going to Vrindavan show a sense of movement?
15. The main features of the Bikaner Sub-school of Rajasthani Painting

CLASS 12 PAINTING PRACTICAL HOMEWORK

Portfolio Preparation & Nature Study

🎨 Assignment 1. Nature and Object Study (Still Life)

Total Works: 5 sheets.

Topics: Group of man-made and natural objects (e.g., a water jug, a plate with fruits/vegetables like onions, a flower vase, or geometrical forms like blocks and cylinders).

3 sheets done strictly using pencil shading (focusing on light, shadow, cross-hatching, and perspective).

2 sheets done in watercolors or oil pastels.

Surface: 1/4 size drawing sheet or practical sketchbook.

Assignment 2. Painting Composition (Imaginative Art)

Total Works: 5 sheets.

Topics: Original scenes reflecting daily life, environment, or festival celebrations.

Pick from common themes like:

A village scene or rainy day.

A festival celebration (e.g., Diwali or Holi).

A marketplace or playground scene.

A modern/monochrome adaptation of classic themes like "Mother and Child" or "Gautam Buddha".

Media: Poster colors, watercolors, acrylics, or mixed media on 1/4 size art paper

Assignment 3. Indian Folk Art

Total Works: 2 sheets.

Topics: Traditional Indian tribal and folk styles. Choose from:

Madhubani Painting (Mithila art using vibrant colors and double lines).

Warli Art (Maharashtra tribal stick figures using geometric shapes).

Pattachitra or Gond painting styles.

Surface: 1/4 size drawing sheet or practical sketchbook.

Submission Guidelines

Border: Leave a 2.5 cm neat border on all sides of each sheet.

Details: Write your Name, Roll Number, Class, and Date on the bottom-right corner.

DAV PUBLIC SCHOOL, DVC MTPS BANKURA

HOLIDAY HOME WORK (2026-2027)

Class XII Mathematics

Chapters: Relations & Functions, Matrices and Determinants

Relations and Functions

1. Let $A = \{1,2,3,4\}$ and $B = \{2,4,6,8\}$.

Define a relation R from A to B by $R = \{(x,y):y = 2x\}$

- (i) Write R in roster form.
- (ii) Find the domain and range of R .
- (iii) Represent the relation by an arrow diagram.
- (iv) Determine whether R is a function. Justify your answer.

2. Let $A = \{1,2,3\}$. Define a relation R on A as $R = \{(1,1),(2,2),(3,3),(1,2),(2,1)\}$

Examine whether R is:

- (i) Reflexive
- (ii) Symmetric
- (iii) Transitive

Hence determine whether R is an equivalence relation.

3. Let the function $f:R \rightarrow R$ be defined by $f(x) = 2x + 5$

- (i) Show that f is one-one.
- (ii) Show that f is onto.
- (iii) Hence prove that f is invertible.
- (iv) Find $f^{-1}(x)$.

4. Let $f(x) = x^2, x \in R$

- (i) Determine whether f is one-one and onto.
- (ii) Restrict the domain suitably so that f becomes invertible.
- (iii) Find the inverse function for the restricted domain.
- (iv) Draw the graphs of $f(x)$ and $f^{-1}(x)$.

Matrices

5. Given the matrices $A = \begin{bmatrix} 2 & -1 \\ 3 & 4 \end{bmatrix}, B = \begin{bmatrix} 1 & 5 \\ 2 & -3 \end{bmatrix}$

find: (i) $A + B$ (ii) $A - B$ (iii) AB (iv) BA

Hence show that matrix multiplication is not commutative.

6. Solve the following system of equations using matrix method:

$$\begin{aligned} 2x + y - z &= 8 \\ -3x - y + 2z &= -11 \\ -2x + y + 2z &= -3 \end{aligned}$$

**DAV PUBLIC SCHOOL, DVC, MTPS
SUMMER HOLIDAY ASSIGNMENT**

CLASS:-12

SUBJECT: COM. SC.

01	<p>Guess the output of given code . a = "Year 2022 at All the best" a = a.split('2') b = a[0] + ". " + a[1] + ". " + a[3] print (b)</p>
02	<p>ASSERTION AND REASONING based question Mark the correct choice as (a) Both A and R are true and R is the correct explanation for A (b) Both A and R are true and R is not the correct explanation for A (c) A is True but R is False (d) A is false but R is True</p> <p>Assertion (A):- If the arguments in function call statement match the number and order of arguments as defined in the function definition, such arguments are called positional arguments.</p> <p>Reasoning (R):- During a function call, the argument list first contains default argument(s) followed by positional argument(s).</p>
03	<p>Define a function to calculate rate of interest having Principal, Rate and Interest as default parameter. Write different function calls with one , two, three arguments.</p>
04	<p>Compute the greatest common divisor and least common multiple of two integers using two different user defined functions.</p>
05	<p>Define a function to determine and return largest and smallest number in a list.</p>
06	<p>Determine whether a number is a perfect number, an Armstrong number or a palindrome using three different user defined functions.</p>

SUMMER HOLIDAY HOMEWORK

Class -12 (Banking)

1. The relationship between a customer and bank in safe custody services is:
 - A. Trustee and Beneficiary
 - B. Bailor and Bailee
 - C. Debtor and Creditor
 - D. Lessor and Lessee

2. Which code uniquely identifies a bank branch in NEFT/RTGS transactions?
 - A. MICR
 - B. SWIFT
 - C. IFSC
 - D. PIN

3. Assertion (A): NEFT transactions are settled individually in real time.
Reason (R): NEFT works on Deferred Net Settlement basis.
 - A. Both A and R are true and R is the correct explanation of A
 - B. Both A and R are true but R is not the correct explanation of A
 - C. A is true but R is false
 - D. A is false but R is true

4. The bank that issues a Letter of Credit is called:
 - A. Advising Bank
 - B. Paying Bank
 - C. Confirming Bank
 - D. Issuing Bank

5. Under RTGS, the minimum amount that can be transferred is:
 - A. ₹ 10,000
 - B. ₹ 50,000
 - C. ₹ 1 lakh
 - D. ₹ 2 lakhs

6. CORE in CBS stands for:
 - A. Centralized Online Reporting Environment
 - B. Centralized On-line Real Time Environment
 - C. Centralized Offline Real Time Environment
 - D. Core Online Reporting Exchange

7. Assertion (A): CBS allows customers to access banking services from any branch.
Reason (R): CBS works on centralized data centres.

- A. Both A and R are true and R is the correct explanation of A
 - B. Both A and R are true but R is not the correct explanation of A
 - C. A is true but R is false
 - D. A is false but R is true
8. Which of the following is a cybercrime used to steal login information?
- A. Tallying
 - B. Phishing
 - C. Coding
 - D. Scanning
9. Which unit of the computer is known as the “brain of the computer”?
- A. Input Unit
 - B. Output Unit
 - C. CPU
 - D. Scanner
10. ATM provides customers with:
- A. Only cash withdrawal
 - B. Only account statement
 - C. 24×7 banking services
 - D. Loan approval services

3 Marks Each :

11. Riya keeps expensive jewellery at home instead of using a bank locker because she thinks lockers are unnecessary expenses.

As a banking expert, explain any three advantages of bank lockers that would convince her.

12. Differentiate between Bank Guarantee and Letter of Credit on any three bases.

13. A businessman wants immediate payment assurance from a bank before exporting goods to another country. Which banking service should he use? Explain the process briefly.

14. Explain any three characteristics of a computer.

15. A bank customer uses online banking to transfer funds, download statements and pay utility bills from home.

Answer the following:

1. What is Online Banking?

2. Mention any two benefits of Online Banking.

3. State one security risk involved in Online Banking.

16. A growing bank wants to reduce paperwork, improve speed and provide “Anywhere Banking” to customers.

Suggest which banking technology should be adopted by the bank. Explain any three benefits of that technology.

4 Marks Each:

17. A bank customer failed to pay locker rent for several years. The bank issued notice and later broke open the locker as per agreement conditions.

Answer the following:

1. What type of relationship exists between bank and locker hirer?
2. Why can banks break open lockers?
3. Mention any two RBI guidelines related to locker operations.

18. “Fee-based services reduce the dependency of banks on interest income.”

Explain the statement with reference to:

- Bank Guarantee
- Letter of Credit
- Selling third-party products

19. Mr. Arvind transferred ₹ 45,000 to his supplier using NEFT. He entered the wrong account number due to carelessness.

Answer the following:

1. What is NEFT?
2. Which important code is used in NEFT transactions?
3. What precaution should customers take while using NEFT?

20. Assertion (A): Computerised accounting systems provide more accurate reports than manual accounting.

Reason (R): Computerised accounting uses databases and automated processing.

- A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true but R is not the correct explanation of A
C. A is true but R is false
D. A is false but R is true

Also justify your answer.

21. Rohit lost his ATM card while travelling. He immediately informed the bank and blocked the card.

Answer the following:

1. Why is it important to block the ATM card immediately?
2. Mention any two services provided by ATMs.
3. What compensation is payable if the bank delays resolving a failed ATM transaction complaint beyond 7 working days?

5 Marks Each:

22. Compare RTGS and NEFT on the basis of:

- Meaning
- Settlement process
- Minimum amount
- Speed
- Suitability

23. XYZ Pvt. Ltd. imported machinery from Germany. The foreign seller demanded assurance of payment before dispatching goods. XYZ approached its bank, which issued a Letter of Credit.

Answer the following:

1. What is a Letter of Credit?
2. Name any three parties involved in LC transactions.
3. Explain any two advantages of LC to the beneficiary.

24. Rahul received his first debit card and credit card from the bank. He was confused about their working and usage.

Answer the following:

1. Differentiate between Debit Card and Credit Card.
2. Mention any two benefits of Debit Cards.
3. Explain how interest is charged on credit cards when payment is not made in full.

25. A customer received a fake email asking for his bank password and OTP. He entered the details and later found unauthorized withdrawals from his account.

Answer the following:

1. Identify the type of cyber fraud involved.
2. Explain how this fraud works.
3. Mention any three security measures banks use to prevent such frauds.