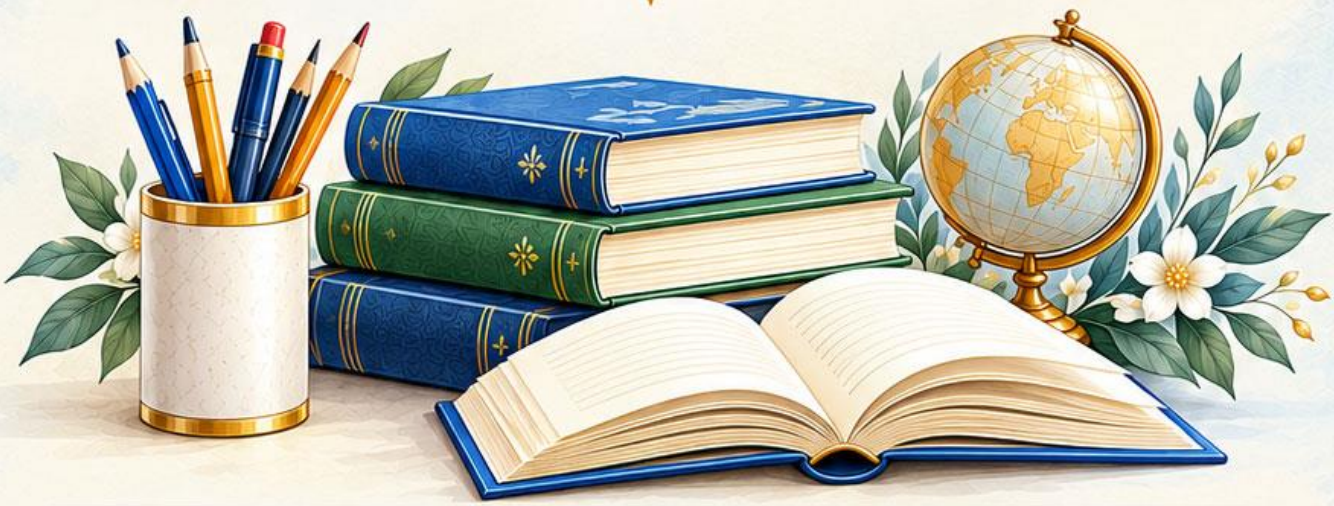
BISHOP SCOTT BOYS' SCHOOL

Sarvada Sarva shreshth
HOLISTIC DEVELOPMENT

PUJA VACATION HOMEWORK



Class: 9

Academic Session: 2026 - 27

Date of Submission: 17-11-2026

Teacher's Note

Dear Parents,

Teachers and parents both play an equally important role in shaping a child's learning journey. At school, teachers guide, support, and nurture students by helping them understand concepts and develop essential skills. At home, parents observe, encourage, and reinforce these learnings, creating a balanced environment for growth. This strong partnership between school and home ensures that students feel supported, confident, and motivated in all aspects of their education.

Keeping this in mind, holiday homework has been thoughtfully designed to help students remain connected with their studies during the puja vacations. It provides an opportunity for children to revise what they have learned, apply their knowledge in practical ways, and reflect on their understanding. Through these activities, students can explore their creativity, strengthen their skills, and become more independent learners. With your continued support and encouragement, we hope this vacation will be both enjoyable and enriching for your child.





BISHOP SCOTT BOYS' SCHOOL

GRADE: IX / ENGLISH / DIWALI AND CHHATH HOLIDAY HOMEWORK
(2026-27)

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1. Comprehension:
Pull Out Worksheets 13 to 16.

2. Writing:
Diary Entry, Pull Out Worksheet 51 Q. 1. [Pg no. 129]
Story Writing, Pull Out Worksheet 59 Q. 2. [Pg no. 152]

3. Grammar:
Sentence Reordering ----- Pull Out Worksheets 100, 101 and 102
Sentence Transformation ----- Pull Out Worksheets 105

Literature:
Pull Out page 355 [Worksheet no. 148]
Pull Out page 373 [Worksheet no. 157]
Pull Out page 377 [Worksheet no. 159]
Pull Out page 383 [Worksheet no. 162]
Pull Out page 387, 389 [Worksheet no. 164, 165]

Submission Guidelines (For students without the "Pull Out Worksheets" book)
If you do not own the physical workbook, you have two options to complete and submit this homework:

- Option 1 (Handwritten Notebook): Copy down the heading, worksheet number, page number, and the questions directly into a separate Holiday Homework (HHW) notebook, then solve them clearly.

- Option 2 (Printed PDF): Get digital PDF copies of these specific pages from a classmate, print them out, fill in the blanks/answers directly on the printouts, and staple or file them together to submit.

BISHOP SCOTT BOYS' SCHOOL

GRADE: IX / HINDI / DIWALI AND CHHATH HOLIDAY HOMEWORK (2026-27)

1. 'दो बैलों कथा' पाठ में प्रयुक्त मुहावरे को छाँटें तथा वाक्यों में प्रयोग करें।
2. 'आखिरी चट्टान तक' के आधार पर किसी यात्रा का सजीव वर्णन लगभग 200 शब्दों में तैयार करें।
3. 'मैं और मेरा देश' पाठ से 10 कठिन शब्दों का चयन कर उसका अर्थ लिखें।
4. 'झाँसी की रानी' कविता से प्रेरित होकर देशभक्ति पर आधारित A- 4 सीट पर रंगीन पोस्टर बनाइए।
5. अपने दादाजी से पढ़ाई के विषय को लेकर उनके अनुभवों को संवाद के रूप में लिखिए।

BISHOP SCOTT BOYS' SCHOOL

GRADE: IX / MATHS/ DIWALI AND CHHATH HOLIDAY HOMEWORK (2026-27)

- ✓ Write and learn theorem 1, 2, 3, 4, 5, 6, 7, and 8 of Chapter Quadrilaterals from Ganita Manjari (NCERT) in HW notebook.
- ✓ Write activity no 1, 3, 5, 7, 8,10, 11, 12, 13 and14 in maths lab manual book.
- ✓ Do working model of type of quadrilaterals.
  https://youtu.be/V9YZp0GPedU?si=o54Yy5qze0pbtG2A
  (for reference)

BISHOP SCOTT BOYS' SCHOOL

GRADE: IX / SCIENCE / DIWALI AND CHHATH HOLIDAY HOMEWORK (2026-27)

CHEMISTRY

Solve the questions:-

1. Write the chemical formula for Magnesium chloride.
2. Write the chemical formula for Aluminum hydroxide.
3. Write the chemical formula for Sodium carbonate.
4. Write the chemical formula for Calcium oxide.
5. Write the chemical formula for Ammonium sulfate.
6. Write the chemical formula for Zinc sulfide.
7. Write the chemical formula for Iron(III) oxide.
8. Write the chemical formula for Potassium nitrate.
9. Write the chemical formula for Copper(II) sulfate.
10. Write the chemical formula for Sodium phosphate.
11. Calculate the molecular mass of water (H_2O).
12. Calculate the formula unit mass of sodium chloride (NaCl).
13. Calculate the molecular mass of carbon dioxide (CO_2).
14. Calculate the formula unit mass of calcium chloride ($CaCl_2$).
15. Calculate the molecular mass of ammonia (NH_3).
16. Calculate the formula unit mass of magnesium sulfate ($MgSO_4$).
17. Calculate the molecular mass of glucose ($C_6H_{12}O_6$).
18. Calculate the formula unit mass of aluminum oxide (Al_2O_3).
19. Calculate the molecular mass of methane (CH_4).
20. Calculate the formula unit massof calcium hydroxide ($Ca(OH)_2$).

PHYSICS

REMARKS: - ANSWER ALL THE BELOW 10 QUESTIONS IN THE NOTEBOOK.

1. A light and a heavy object have the same momentum. Find out the ratio of their kinetic energies. Which one has a larger kinetic energy?
2. Can any object have mechanical energy even if its momentum is zero? Explain.
3. Avinash can run with a speed of 8 m/s against the frictional force of 10 N, and Kapil can move with a speed of 3 m/s against the frictional force of 25 N. Who is more powerful and why?
4. A girl having mass of 35 kg sits on a trolley of mass 5 kg. The trolley is given an initial velocity of 4 m/s by applying a force. The trolley comes to rest after traversing a distance of 16 m. (a) How much work is done on the trolley?
   (b) How much work is done by the girl?
5. The potential energy of a freely falling object decreases progressively. Does this violate the law of conservation of energy? Why?
6. Does the potential energy of an object near the surface of the Earth change if it moves with constant velocity in the horizontal direction? What if the object is gradually raised in the vertical direction?
7. Differentiate between a first-class, second-class and third-class lever. Give one example of each.
8. What is the efficiency of a machine? Write its formula and explain why the efficiency of a practical machine is usually less than 100%.
9. State and prove the law of conservation of mechanical energy for a freely falling body under the influence of gravity.
10. Two students perform the same amount of work to lift identical loads to the same height, but one student takes less time than the other. Will their power be the same? Justify your answer mathematically.

REMARKS: - WRITE THE FOLLOWING PRACTICALS IN THE INTERLEAF COPY.

1. Determination of speed of a pulse propagated through a stretched string/ slinky (helical spring).
2. Calculation of Mechanical Advantage of a lever using the formula M.A= Load /Effort.
3. Verification of Newton's Second Law of Motion using a trolley, pulley and hanging masses. Ch.
4. Plotting of distance-time and velocity time graphs using an inclined plane.

BIOLOGY

- The Five-Kingdom Classification Chart.
- Prepare a colourful chart showing Monera, Protista, Fungi, Plantae and Animalia. Include two examples and two distinguishing characteristics of each kingdom.
- (To be done on chart paper)

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BISHOP SCOTT BOYS' SCHOOL

GRADE IX/SOCIAL SCIENCE/ DIWALI AND CHHATH HOLIDAY HOMEWORK (2026-27)

HISTORY

1. How are resistance and resilience closely linked? Explain their significance in Indian history?
2. Why do Indian subcontinent witness successive phases of invasions from 7th century onwards?
3. Discuss the role of alliances, diplomacy, negotiation and warfare in resisting external threats.
4. How did fertile plains and agricultural surplus contribute to the economic well - being of the Indian population?
5. Analyse the relationship between agricultural prosperity and the territorial ambitions of invading powers.

CIVICS

6. How did specific global historical events contribute to the global spread of democratic systems?
7. What is a central feature of military dictatorships concerning public accountability?
8. "Elections in India are a mix of democratic merits and deep-rooted structural challenges." Mention any three major strengths along with two major challenges of the electoral system in India.
9. "Social media platforms can inform citizens, but they can also spread fake news and manipulate voters during elections." In context of the above statement mention the urgency of media literacy and election regulation.
10. Why is 'one person, one vote, one value' considered a core principle of democratic elections?

ECONOMICS

11. Explain the primary purpose of creating a personal financial budget. What core questions does it help individuals answer?
12. Differentiate between the concepts of 'inflation' and a 'rise in the price of a single commodity'.
13. Explain the concept of 'premium' in the context of insurance and its purpose.

GEOGRAPHY

14. How do waves, tides and ocean currents influence the climate, marine life and human activities around the world?
15. Suggest two practical solutions that can help improve marine livelihoods in the village.
16. Why is maritime zone important for a country?
17. Describe the main features of ocean floors with the help of a labelled diagram.
18. Using a map of India, mark at least 5 coastal states that might need tsunami warnings.

BISHOP SCOTT BOYS' SCHOOL

GRADE: IX / IT/ DIWALI AND CHHATH HOLIDAY HOMEWORK (2026-27)

Prepare IT Report File according to the following guidelines:

Structure of the File

The Report file must include:

- **Front Page:** School name, logo, subject name, session, student name, roll number, class, and section.
- **Acknowledgment & Certificate:** Standard signed acknowledgment and teacher certification pages.
- **Index:** Table of contents listing practical number, title, date, and page number.

Core Practical Topics to be Included

1. Digital Documentation (LibreOffice Writer / MS Word)

- **Aim:** Format documents, work with tables, and use mail merge.
- **Tasks to document (with screenshots & steps):**
  - Create a poster or article (e.g., on *Air Pollution*, *Natural Environment*, or *Gandhi & Modern India*) using custom font face, size, color, and headers/footers.
  - Insert and format a student data table (listing names, roll numbers, and cities).
  - Perform a **Mail Merge** exercise for an invitation or 10-person address list.

2. Electronic Spreadsheet (LibreOffice Calc / MS Excel)

- **Aim:** Perform calculations and build charts.
- **Tasks to document (with table data and formulas):**
  - Design a student marksheet or employee salary sheet.
  - Use basic formulas and functions: SUM(), AVERAGE(), MIN(), MAX(), and percentage calculations.
  - Insert a graphical chart (Column Chart, Bar Chart, or Pie Chart) based on your spreadsheet data.

3. Digital Presentation (LibreOffice Impress / MS PowerPoint)

- **Aim:** Design themed slide decks with multimedia and transitions.
- **Tasks to document (with slide layouts/screenshots):**
  - Create a 4-to-10 slide presentation on a topic like *Water Conservation*, *Environmental Protection*, *Air Pollution*, or *My Dream Job*.
  - Apply slide themes, custom backgrounds, bullet points, images, shapes, and slide transitions.
  - Add object/text animations or an embedded audio/video clip.

BISHOP SCOTT BOYS' SCHOOL

GRADE: IX / SANSKRIT/ DIWALI AND CHHATH HOLIDAY HOMEWORK (2026-27)

1. नरस्य वृत्तं के जानन्ति ?
2. पापबुद्धिः स्वपितरं किम् उक्तवान् ?
3. भृगोः जिज्ञासा कस्मिन् विषये आसीत् ?
4. मनसः के जायन्ते ?
5. भृगुः तपसा केषां महत्त्वं ज्ञातवान् ?
6. भीमस्य अग्रजः कः ?
7. बकनामा दैत्यः कुत्र वसति ?
8. व्यंजन सन्धेः पंच - पंच सन्धिः / विच्छेदं च कुरूत।
9. शब्दरूप- राजन्, विद्वस्, भवत्, बालक, लता, मुनि स्मरणं कृत्वा लिखत।
10. सर्वनामरूप- अस्मद्, युष्मद्, तत्,इदम्, किम् (तीनों लिंगों) स्मरणं कृत्वा लिखत।
11. धातुरूपाणि- सेव्, लभ्, वर्ध् (आत्मनेपदी पञ्च लकारेषु) स्मरणं कृत्वा लिखत।
12. संख्यावाचक शब्द 51-100 संस्कृते लिखत स्मरत च।
13. क्त, क्तवतु, तव्यत्, अनीयर् प्रत्ययानां 5 - 5 उदाहरणानि स्मरणं कृत्वा लिखत।
14. अधोलिखितानाम् विषयानाम् आधृत्य 5 वाक्यानि अनुच्छेदं लिखत-
    i) दीपावलिः ii) आदर्शः छात्रः iii) उद्यानम्
15. पत्रलेखन, कथापूर्ति, संवादः, अपठित अवबोधनम् का 2 - 2 अभ्यास कार्य व्याकरण पुस्तक में करें।
16. ए 4 साइज पेपर में शाम के समय का चित्र बनाकर संस्कृत भाषा में 5 वाक्य लिखें।

नोटः गृहकार्य पुस्तिका में 14 तक बनाएँ और 16 पोर्टफोलियो फाइल में देना अनिवार्य है।

