



VADIC SR. SEC. SCHOOL, BALLAH (KARNAL)

(Affiliated to C.B.S.E. Code 531838)
Summer Holidays Homework (2026-27)
Class 12th (Science)

**“Reading during vacations keeps learning alive.”
Consistent practice prevents academic gaps.**

GENERAL INSTRUCTION-

- ❖ Complete all assigned work in a neat, clean, and presentable manner.
- ❖ Use proper handwriting and appropriate headings throughout your work.
- ❖ Draw margins and decorate the pages creatively wherever required.
- ❖ Use colours, charts, maps, and pictures appropriately to enhance your work skill.
- ❖ Avoid overwriting and maintain cleanliness in your notebook.
- ❖ Ensure that all homework is submitted within the stipulated time.
- ❖ Revise your work regularly during the holidays for better learning and retention.

Mathematics

- 1) Solve two case study-based questions from Ch-5 Continuity and Differentiability and Ch-12 Linear Programming Problems.
- 2) Practice ten previous year questions from each chapter daily in your notebook.
- 3) Solve ten MCQs from chapters for concept clarity and revision.
- 4) Prepare a simple project on Ch-6 Applications of Derivatives in which ten examples and diagrams (if any) are included.
- 5) Revise important formulas, graphs and differentiation rules regularly during the holidays.

English

- ❖ **Prepare an assignment on any poem from your English syllabus. The assignment should include :(Pages 15 to 20)**
- ❖ introduction of the poet
- ❖ Summary of the poem
- ❖ Theme and message of the poem
- ❖ Literary devices used in the poem
- ❖ Personal response or conclusion

2. Practice Writing

(a) Letters to the Editor

Write any three letters to the editor on social issues or public concerns.

(b) Job Application Letters

- ❖ **Write any three job application letters for different posts.**

1. Article Writing

- A Beautiful Mind is better than a Fair Complexion
- Making India a Safer and More Enjoyable Place for Women

2. Report Writing

- A Speech by a Psychologist on Mental Health
- “Say No to Plastic” Awareness Campaign

3. Invitation Writing

Practice writing any three formal or informal invitations.

4. Notice Writing

Practice writing at least three notices related to:

- Cultural activities
- Academic activities

5. Character Sketch and Lesson Analysis

Choose any one chapter or lesson from your English syllabus and write about the following:

- Summary of the lesson
- Main characters
- Relationship between the characters
- Qualities and traits of the characters
- Message or moral of the lesson.

Chemistry

 Ch – Chemical Kinetics notes prepare.

❖ Assignment – Solutions, Electrochemistry, Chemical Kinetics – Solve + Test.

Physics

- Ch-1: Electric Charges and Fields
- Ch-2: Electric Potential and Capacitance
- Ch-3: Current Electricity
- Ch-4: Atom
- Ch-5: Dual Nature of Matter and Radiations

✓ **Prepare notes and mind map of all the chapters.**

 Do previous year questions of three chapters.

 Write any 5 practical applications in daily life related to these chapters.

 Make a project file on any topic related to your syllabus.

Biology

 10 years PYQs solve in notebook of those chapters which have done.

 Ch-1, 2, 3, 7, 8, 11, 12 — full learn and solve MCQ in theory notebook.

 Make one assignment on any one topic.

 Notebook should be complete.

Music

 परिभाषाएँ लिखिए:

❖ अलंकार

❖ कण

❖ खटका

❖ मुर्की

❖ गमक

 रागों का समय सिद्धांत

 जीवन परिचय

❖ उस्ताद फैयाज खां

❖ उस्ताद बड़े गुलाम अली खां

 तालों का परिचय

❖ ताल झपताल

❖ ताल रूपक

 रागों का परिचय

❖ राग भैरव

❖ राग मालकौंस

❖ राग बागेश्वर

Physical Education

 Chapters to Study

Unit-8: जीव यांत्रिकी एवं खेल कूद

Unit-9: मनोविज्ञान तथा खेल

Unit-10: खेलों में प्रशिक्षण

 Write the Following Questions

प्रश्न 1: नाक आउट प्रतियोगिता के आधार पर 19 टीमों का फिक्सचर तैयार कीजिए।

प्रश्न 2: नाक-आउट प्रतियोगिता के आधार पर 21 टीमों का फिक्सचर तैयार करें जिसमें 4 टीमों को विशेष सीडिंग दी गई हो।

प्रश्न 3: लीग अथवा राउंड रॉबिन टूर्नामेंट में फिक्सचर तैयार करने की कार्यप्रणाली का वर्णन कीजिए।

 **Use proper diagrams and tournament charts for better presentation.**

‘Good manners make us shine everywhere. Parents’ blessings take the children to great heights.’

During the summer vacation, parents are requested to guide and encourage their children to do given activities daily. This will help in developing good habits and disciplined life.

1. Parents must encourage your children to help you in household chores like folding their clothes, arranging bookshelves & clothes wardrobe, dusting etc.
2. Cleanliness is the need of body. That’s why children should bath daily, brush teeth twice, cut hair and nails on time.
3. Maintaining physical health is also important. So take children daily for morning, evening walk. Ask them to do some yoga or physical exercise. Take healthy diet. Also drink plenty of water.
4. Parents should motivate children to help and respect elders. Greet them by touching feet or wishing good morning, good afternoon etc.
5. Parents should guide the child to use some powerful words during conversation like please, thank you, excuse me, sorry etc. It will enhance their personality.
6. Parents should inspire children to stay close to nature. Let them to do work of planting saplings at home, watering plants and cleaning the garden.

Note: All the above activities should be practiced regularly during the vacation and observed by parents.

Summer vacation will be from 25th May 2026 (Monday) to 30th June 2026 (Tuesday). Students have to report in school with their holiday’s homework on 1st July 2026 (Wednesday).

Note:- If you have any doubt regarding holidays homework please contact class teacher.

TEACHER CONTACT NO. :- 7027645067

TIMING – 4PM TO 6PM

 Happy Summer Vacation 

