

AUTUMN BREAK HOLIDAY HOMEWORK

CLASS VIII • SESSION 2026–27

All Subjects

Name: _____ Roll No.: _____ Section: _____

SOCIAL SCIENCE

Instructions: Explain the questions with the help of relevant pictures and diagrams in a Scrapbook or File.

A. MDP – Term 2: Climate

1. Explain the relationship between climate and agriculture. How do temperature, rainfall and sunlight influence crop growth?
2. Describe the importance of the monsoon in Indian agriculture. What problems do farmers face when monsoon rainfall is irregular?
3. How does climate change affect agriculture in India? Explain any five effects on farmers and crop production.
4. What is sustainable agriculture? Explain five farming practices that can help farmers adapt to changing climatic conditions.

B. Autumn Break Assignment

1. Analyse the environmental conditions present in the Mariana Trench and explain the unique mechanisms by which life survives at such extreme depths.
2. Explain the reasons, causes, progress, participation of leaders, farmers, common people and women, and the results of the Non-Cooperation and Civil Disobedience Movements.
3. What are the key concepts and features of Mysuru Palace, Humayun's Tomb, Golden Temple and Bishnupur Terracotta Temples?
4. Explain any three Fundamental Rights.
5. What leads to urbanization? Explain any five factors.

C. Map Work – Locate and Label the Following on the Map of India

1. Place associated with the establishment of the Indian National Congress in 1885 – Bombay (Mumbai)
2. Place associated with the Congress Session held in 1906 – Calcutta (Kolkata)
3. Place associated with the establishment of the All-India Muslim League in 1906 – Dacca (Dhaka)
4. Place associated with the Split of Congress in 1907 – Surat
5. The Cellular Jail – Port Blair, Andaman and Nicobar Islands
6. Place associated with the Congress Session held in 1916 – Lucknow
7. Place associated with the birth of Mohandas Karamchand Gandhi in 1869 – Porbandar
8. Place associated with the Cotton Mill Workers' Satyagraha – Ahmedabad
9. Place associated with the Peasant Satyagraha – Champaran
10. Place associated with the Jallianwala Bagh Massacre – Amritsar

ENGLISH

1. Letter Writing – Formal Letter

Letter of Enquiry: Write a formal letter of enquiry to a sports shop asking for details about cricket kits, their prices and available discounts. Follow the proper format of a formal letter.

2. Story Writing

Write an original story based on the theme: “A friend in need is a friend indeed.”

3. Reading

Revise the chapter “Spectacular Wonders” carefully.

4. Paragraph Writing

Write a paragraph on “My Favourite Festival”.

5. Term 2 Notebook

- a) Maintain a new notebook for Term 2.
- b) On the first page, neatly write/paste the Term 2 syllabus.
- c) On the second page, make an index page.

MATHEMATICS

1. Find the percentage increase from 50 to 75.
2. Find the percentage decrease from 100 to 80.
3. Compare 20% and $\frac{1}{5}$.
4. Find the percentage change when population was 12,000 in 2001 and 25,000 in 2005.
5. Form a word problem on salary increase.
6. Form a word problem based on finding percentage decrease in price from the textbook.
7. Learn and write multiplication tables up to 20 and square tables.
8. Convert $\frac{1}{5}$ into percentage and decimal.
9. Multiply: (a) 567×1.25 (b) 0.0015×0.07
10. Convert 160% into a fraction.
11. Find x if x% of 300 is 3.
12. A milkman sold two buffaloes for ₹80,000. On one he made a profit of 5% and on the other a loss of 10%. Find the overall profit or loss.
13. Write and learn the formulae of profit, loss and compound growth.
14. Divide and do prime factorisation of: 15625, 218, 8281, 1331, 1296 and 729.
15. Which is greater: 50% or $\frac{1}{3}$?
16. Write the properties of a right-angled triangle.
17. Express 125% as a fraction.
18. Convert 0.75 into percentage.
19. Write and learn the formulae/rules of power notation.
20. A number increased by 20% becomes 90. What is the number?

SCIENCE

Solve the following questions in your Science notebook, on the Homework side.

1. A student adds a spoonful of sugar to a glass of water and stirs it. The sugar disappears, but the taste of sugar spreads throughout the water. What does this observation suggest?
(a) Sugar particles are destroyed in water. (b) Sugar particles occupy spaces between water particles. (c) Water particles stop moving. (d) Sugar changes into water.
2. The smell of perfume spreads throughout a room even when the bottle is opened at one corner. This happens because:
(a) Air particles are stationary. (b) Perfume particles move and mix with air particles. (c) Perfume particles become heavier. (d) Air particles disappear.
3. A student compresses air in a syringe by pushing its piston while keeping the nozzle closed. Which property of matter does this demonstrate?
(a) Particles of matter have no mass. (b) Particles of matter are always visible. (c) There are spaces between particles of matter. (d) Particles of matter do not move.
4. Two students dissolve equal amounts of sugar in separate glasses of water. One uses cold water, while the other uses warm water. The sugar dissolves faster in warm water. Which explanation is most appropriate?
(a) Warm water particles generally move faster. (b) Warm water contains no particles. (c) Sugar particles become weightless. (d) Warm water has no spaces between its particles.
5. List some real-life situations where you have experienced the movement of gas particles.

Case-Based Questions – Case Study 1: Sugar and Water

Riya takes 100 mL of water in a measuring cylinder and adds two teaspoons of sugar. She stirs the mixture until the sugar dissolves. She observes that the sugar is no longer visible, and the water level does not increase noticeably.

- a. Why can Riya no longer see the sugar particles?
- b. Where do the sugar particles go after dissolving in water?
- c. What does this activity tell us about the spaces between particles of matter?
- d. Does the disappearance of sugar mean that the sugar has been destroyed? Give a reason.

संस्कृतम्

- १) संस्कृत में स्वपरिचय लिखो। (8–10 वाक्य)
- २) 'किम्' शब्द रूप पुल्लिङ्ग, स्त्रीलिङ्ग और नपुंसकलिङ्ग में लिखो।
- ३) अपनी पाठ्यपुस्तक से कोई 5 श्लोक लिखकर याद करो।
- ४) संस्कृत के 10 ध्येय वाक्य लिखो।
- ५) संस्कृत में 1–100 तक संख्याएँ लिखो।

हिन्दी

1. 'नए मेहमान' एकांकी पढ़कर पाठ का सारांश अपने शब्दों में लिखिए।
2. दशहरा पर्व पर अपने मित्र को दशहरा उत्सव देखने के लिए आमंत्रित करते हुए एक पत्र लिखिए।
3. पारिवारिक कार्यक्रम में सम्मिलित होने के लिए विद्यालय के प्राचार्य को 2 दिनों के अवकाश हेतु आवेदन पत्र लिखिए।

4. निम्नलिखित विषयों पर 120–120 शब्दों में अनुच्छेद लिखिए:

(क) मेरी यादगार यात्रा

(ख) स्वच्छता का महत्व