

KENDRIYA VIDYALAYA RAIPUR NO. 1 SHIFT 2

Holiday Homework of English Grade 7

Instructions for Students:

1. Maintain neatness and proper format while writing.
2. Be original and creative in your responses.

1. *Letter Writing (Formal)*

Write a formal letter to your Principal requesting him/her to arrange a motivational lecture in your school on “How to Overcome Challenges and Succeed in Life.”

2. *Diary Entry*

Imagine you have just returned from a trekking camp. Write a diary entry describing your experience, the difficulties you faced, and how you felt after completing the adventurous journey.

3. Read the chapter *North South East West* carefully.

- 4)a) Maintain a new notebook for Term–2.
- b)On the first page, neatly paste/write the syllabus.
- c) On the second page, make an Index page .
- d) Keep your notebook neat and well–organized.

शरदकालीन अवकाश गृहकार्य कक्षा- 7वीं विषय हिंदी

1. *बिरजू महाराज से साक्षात्कार* पाठ पढ़कर पाठ का सारांश अपने शब्दों में लिखिए।
2. दशहरा पर्व की शुभकामनाएं देते हुए अपने मित्र को एक पत्र लिखिए।
3. अपने विद्यालय में खेल सामग्री मंगवाने के लिए प्राचार्य को एक आवेदन पत्र लिखिए।
4. नीचे दिए गए विषयों पर 100- 100 शब्दों में अनुच्छेद लिखिए।
 - मेरा प्रिय त्यौहार
 - मेरी यादगार यात्रा

शरद अवकाश गृह कार्यम् कक्षा सप्तमी विषय संस्कृतम्

- १) संस्कृत में स्वपरिचय लिखो। (5-7वाक्य)
- २) 'किम्' शब्द रूप पुँल्लिङ्ग, स्त्रीलिङ्ग और नपुंसकलिङ्ग में लिखो।
- ३) अपनी पाठ्य पुस्तक से कोई 5 श्लोक लिखकर याद करो।
- ४) संस्कृत की 10 सूक्तियां अर्थ सहित लिखो।
- ५) अपनी पाठ्य पुस्तक से कोई 5 श्लोक याद करो ।

AUTUMN BREAK HOMEWORK

Class: VII Subject: Mathematics – Part 2

Solve the following 10 questions.

Q1. What do you understand by congruent figures? Give two examples of congruent objects from your surroundings.

Q2. Draw two congruent triangles and name them $\triangle ABC$ and $\triangle PQR$. Write the corresponding vertices, sides and angles.

Q3. Two triangles have the following side lengths:

Triangle ABC: AB = 5 cm, BC = 6 cm, AC = 7 cm

Triangle PQR: PQ = 5 cm, QR = 6 cm, PR = 7 cm

Are the two triangles congruent? State the congruence criterion and write the correct congruence statement.

Q4. In $\triangle ABC$ and $\triangle DEF$, AB = DE, BC = EF and $\angle B = \angle E$. Which congruence criterion can be used to prove that the triangles are congruent? Explain your answer.

Q5. Two triangles have two corresponding angles equal and the included sides equal. Which congruence criterion applies? Illustrate your answer with a labelled diagram.

Q6. In two right-angled triangles, the hypotenuse and one corresponding side are equal. Which congruence criterion can be used to establish their congruence?

Q7. A student says that two triangles are congruent if their three corresponding angles are equal. Is the statement always true? Give a reason for your answer.

Q8. In $\triangle ABC$ and $\triangle PQR$, AB = PQ, AC = PR and $\angle B = \angle Q$. Is this information sufficient to prove the triangles congruent using the SAS criterion? Explain why or why not.

Q9. Two triangles ABC and DEF are congruent, with A corresponding to D, B to E and C to F. If $AB = 8\text{ cm}$, $BC = 6\text{ cm}$ and $AC = 10\text{ cm}$, find DE, EF and DF. State the property used.

Q10. Draw two different pairs of congruent triangles using a ruler and protractor. For each pair, identify the congruence criterion used from SSS, SAS, ASA or RHS, and explain your choice.

Instructions: Draw neat labelled figures wherever required. Write the congruence criterion and the reason for each conclusion.

AUTUMN BREAK HOLIDAY HOME

CLASS VII SCIENCE

Read the chapter "Heat transfer in Nature" and solve the following questions in your Science notebook.

Q1. A shopkeeper serves you cold lassi in a tumbler. By chance, the tumbler had a small leak. You were given another tumbler by the shopkeeper to put the leaky tumbler in it. Will this arrangement help to keep the lassi cold for a longer time? Explain.

Q2. Some ice cubes placed in a dish melt into water after sometime. Where do the ice cubes get heat for this transformation?

Q3. A smoke detector is a device that detects smoke and sounds an alarm. Suppose you are fitting a smoke detector in your room. The most suitable place for this device will be:

- (a) Near the floor
- (b) In the middle of a wall
- (c) On the ceiling
- (d) Anywhere in the room

Q4. Make a poster for 'water cycle'.

MDP for TERM 2

Deforestation, its causes and effects on the environment. Steps to restore the forest.

Note :- complete it in the project file, paste the relevant picture.

It must be attractive and effective.

AUTUMN BREAK HOME WORK FOR SOCIAL SCIENCE CLASS VII

Multi-Disciplinary Project (MDP)

Class: VII Subject: Social Science Chapter: The Story of Indian Farming

Theme: Indian Farming – Our Food, Our Farmers

Choose any ONE of the following activities:

1. Art Integration – Poster Making

Draw a colourful poster on the topic “Jai Jawan, Jai Kisan” or “Save Farmers, Save Farming.” Show the importance of farmers and farming in our lives. Write a suitable slogan.

2. Language Integration – Essay Writing

Write a short essay of 100–150 words on “The Importance of Farming in India.” Include the role of farmers, major crops, and the importance of farming in our daily lives.

3. Performing Arts – Skit

Prepare a short skit on “A Day in the Life of an Indian Farmer.” Include the daily work of a farmer, the problems faced by farmers, and ways we can help them. You may perform it with 3–5 students.

Instructions for students:

- Use simple language and your own ideas.
- Make your work neat, creative, and attractive.
- Write your name, class, and roll number on the project.
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*** Answer the following Questions***

- (a) How are farming, climate, soil and water interrelated?
- (b) Imagine that your state received less than normal monsoon rains for two consecutive years. Which items are likely to disappear from your meals, or are likely to become difficult to access?
- (c) Prepare a list of the crops that are cultivated in your state in a year and classify them into Kharif, Rabi, and Zaid.
- (d) Write a short essay describing what farming might be like when you are 60 years old. You could also draw/paint a picture to illustrate what you envision.