



**YUVASHAKTI MODEL SCHOOL**



# **SUMMER BREAK HOMEWORK**



**Session 2026-2027**



**NAME - \_\_\_\_\_**

**ROLL NO. - \_\_\_\_\_**

**CLASS - VIII**

**SECTION - \_\_\_\_\_**



Dear Students,

Summer break Homework has been designed to help you revise concepts, enhance creativity, and improve presentation skills. Complete all the work neatly and sincerely.

Instructions for Holiday Homework

1. Project Work (All Subjects)

Prepare one project for each subject.

The project should be of 4-5 pages.

Use A4 size sheets or a project file.

Write in neat and legible handwriting.

Decorate the project creatively and neatly.

Required Elements of the Project

Each project must include the following:

- a) Index
- b) Introduction
- c) Content with Pictures
- d) Presentation
- e) Bibliography
- f) Acknowledgment

Worksheets

Solve one worksheet of 25 questions for each subject.

Do the worksheet work in a separate notebook.

Complete all answers neatly.

**IMPORTANT INSTRUCTIONS**

Submit all holiday homework by 08-07-2026.

No work will be checked after the mentioned date.

Holiday homework will carry 5 marks in the Term-1 Result.

Maintain cleanliness and proper presentation in all work.

Parents are requested to guide children wherever necessary.

## SOCIAL SCIENCE

### Topic: Rajasthan and Nagaland

How do latitude, longitude, and geographical features help us understand the climate, culture, and lifestyle of Rajasthan and Nagaland through maps?

#### Your project should include:

##### 1. Cover Page

Project title

Name, class, section

Subject: Social Science

##### 2. Introduction

Write a brief introduction about:

Rajasthan and Nagaland

Importance of maps, latitude, and longitude in geography

##### 3. Map Work

Paste or draw a political map of India and:

Mark Rajasthan and Nagaland

Mention the latitude and longitude of both states

##### 4. Geographical Comparison

Compare it's :

Climate

Landforms

Rivers

Vegetation and present the information using diagrams .

##### 5. Conclusion

Write what you learnt from the project and how maps help us understand different regions of India.

##### 9. Bibliography

##### 10. Acknowledgment

## WORKSHEET

- Answer the following questions .

### VERY SHORT QUESTIONS

Q1. Who founded the Delhi Sultanate?

Q2. Name the capital city of the Vijayanagara Empire.

Q3. Which empire was defeated in the Battle of Talikota?

Q4. What is meant by the term "medieval period"?

Q5. What are natural resources?

Q6. Name two renewable resources.

Q7. What is rainwater harvesting?

Q8. What is meant by conservation of resources?

### **SHORT QUESTIONS**

Q9. Distinguish between renewable and non-renewable resources.

Q10. Why are forests important for human life?

Q11. Explain the importance of water as a natural resource.

Q12. What are the main causes of soil erosion?

Q13. Describe the importance of trade during the medieval period.

Q14. What role did forts play in medieval kingdoms?

Q15. Explain the significance of the Battle of Panipat (1526).

Q16. Differentiate between renewable and non-renewable resources.

Q17. Why are forests important for human life?

Q18. Explain the importance of water as a natural resource.

Q19. What are the main causes of soil erosion?

### **LONG QUESTIONS**

Q20. Discuss various methods to conserve soil and water resources.

Q21. How can individuals help in the sustainable use of natural resources?

Q22. Explain different types of natural resources with examples.

Q23. Describe the economic and social life during the medieval period.

Q24. Describe the cultural contributions of the Vijayanagara Empire.

Q25. Discuss the importance of conserving natural resources.

### **ENGLISH**

Prepare a beautiful project file on Rajasthan paired with Nagaland: How have the languages and dialect of Rajasthan and Nagaland evolved over time compare their development at present day uses. Draw or paste pictures related to the states. Decorate the file neatly and creatively.

**Instructions: Solve these 25 questions in separate notebook.**

### **WORKSHEET**

Q II. Answer the following questions:

- (1) Why was the upcoming cricket match important to Swami and his friends?
- (2) Describe the impact of Swami's performance on the cricket match.
- (3) Describe the relationship between Swami and Rajam.

- (4) How did Swami feel when his father refused to let him attend practice sessions?
- (5) Why did Love approach Flora at the beginning of the poem? (The Lotus)
- (6) How does Flora combine the characteristics of the lily and the rose in her creation?
- (7) Why did the king become interested in the grain and seek answers from wise men?
- (8) What explanation did the oldest man give for why the grain was so large in his time?
- (9) How did people obtain food in the oldest man's time, according to his account?
- (10) What message does this story convey about self-sufficiency and dependence? (A grain as Big as a Hen's Egg)

**Answer the following questions with reference to the context.**

- (11) "Discipline and hard work are the keys to winning."
  - (a) Who said this to whom?
  - (b) What was this person's role in the team?
- (12) Your education is far more important than cricket match."
  - (a) Who said this?
  - (b) What does this tell us about the speaker's priorities?
- (13) "The rose can never tower  
Like the pale lily with her Juno mien"
  - (a) Why does the poet use the phrase "Juno mein" to describe the lily?
  - (b) What does this line reveal about the rivalry between the rose and the lily?
- (14) The king showed him the grain, but the old man could hardly see it; he took it, however, and felt it with his hands.
  - (a) Who was the King showing the grain to?
  - (b) Why could the old man hardly see the grain?
- (15) "No," he said, I never sowed nor reaped any grain like this in my fields."
  - (a) Who said this to whom?
  - (b) What was the speaker referring to when he said "any grain like this"?
- (16) Write a paragraph on Television: Its Advantage and Disadvantages.
- (17) Write a paragraph on "Road Safety".
- (18) Write a letter to the Postmaster complaining about the irregular delivery of the post.
- (19) Write a letter to your younger brother, who is very studious, advising him to take part in sports and other games.
- (20) You are Sarthak, the group leader of N.S.S Unit of your school. Your school has decided to grow more trees to save the environment. Write a notice in about 50 words for your school Notice-Board asking the student volunteers to participate in the Tree Plantation Campaign on the Children's Day.
- (21) You are Mr. A.K. Kapoor, General Manager of Haryana Bijli Vitran Vibhag, Ambala. Draft a public notice for a daily newspaper, warning the consumers who have failed to pay the electricity bills in time.
- (22) Write a story on "The Camel and the Jackal".
- (23) Write a story on "The Golden Touch"
- (24) Fill in the blanks with suitable determiners:
  - (a) Children come out with \_\_\_\_\_ lame excuse.
  - (b) Don't you have \_\_\_\_\_ relatives in Mumbai?
  - (c) The patient lay unconscious for \_\_\_\_\_ hour and \_\_\_\_\_ a half.
- (25) Rewrite these sentences, using Punctuation Marks and Capital Letters where required.

(a) Ashwini said where is the clock who took it from my bedroom have you taken it down to the kitchen

(b) the visitor set to me good morning

## हिंदी

हिंदी परियोजना कार्य---

कल्पना कीजिए कि आप नागालैंड के निवासी हैं और पहली बार राजस्थान घूमने आए हैं।

अपने मित्र को एक पत्र लिखिए जिसमें—

नागालैंड और राजस्थान की संस्कृति, पहनावा, भोजन, मौसम आदि की तुलना करें।

राजस्थान की किसी प्रसिद्ध जगह का अनुभव लिखें।

यात्रा के दौरान आपको क्या नया और रोचक लगा, यह बताइए।

पत्र की भाषा सरल और भावपूर्ण होनी चाहिए।

शब्द सीमा: 150–200 शब्द

### हिंदी कार्य पत्रिका

1. अब्राहम लिंकन के अनुसार मुसीबत को किस प्रकार टालना सीखना चाहिए?
2. अब्राहम लिंकन किस प्रकार से धन अर्जित करने के पक्ष में थे?
3. भीड़ से अलग दिखने के लिए क्या आवश्यक है?
4. कितना निर्मल आसमान है, पंख लगा उड़ जाँँ का आशय स्पष्ट कीजिए-
5. समय को व्यर्थ क्यों नहीं गँवाना चाहिए?
6. हम दूसरों के दुख दर्द में सहायक कैसे हो सकते हैं?
7. हमें प्रत्येक पल को मन में क्यों जीना चाहिए?
8. कवयित्री ने सुनहरा पल किसे माना है?
9. समय को अनमोल क्यों माना गया है? तर्क सहित उत्तर दीजिए।
10. बच्चे बुआ जी की उनके ससुराल में रहने की ही कामना क्यों करते थे?
11. सयानी बुआ पाठ के आधार पर बताएं कि बुआ जी अन्नू के साथ पहाड़ पर क्यों नहीं गईं?
- 12.. दूसरे दिन भी भाई साहब का पत्र न आने पर बुआ जी की दशा कैसी थी?
13. लेखिका को अन्नू की बीमारी के पीछे क्या कारण नजर आया?
14. अन्नू की दशा में सुधार न होने का क्या कारण था?
15. हिंदी भाषा में व्याकरण का क्या महत्व है।

16. वर्ण और वर्णमाला किसे कहा जाता है।
17. राजभाषा किसे कहते हैं?
18. कुछ प्रमुख भाषाओं की लिपियों के नाम लिखिए।
19. जातिवाचक संज्ञा के दो उपभेद क्या है नाम तथा उदाहरण दीजिए।
- 20 . कुछ जातिवाचक एवं भाववाचक संज्ञा शब्द बताएं।
21. भाषा और बोली में क्या अंतर है।
22. लिपि से आप क्या समझते हैं?
23. हिंदी भाषा का महत्व बताएं।
24. व्याकरण के कितने प्रमुख अंग है ?नाम लिखिए।

## **SCIENCE**

Project Title:

Cultural Diversity, Flora and Fauna in Rajasthan and Nagaland

Introduction:

What is cultural diversity and comparison of Rajasthan and Nagaland on the basis of:

- 1) Climate
- 2) Flora
- 3) Fauna

About Rajasthan:

- Location
- Scientific Development
- Ecosystem
- Academic Hubs

About Nagaland:

- Location
- Scientific Development
- Ecosystem
- Academic Hubs

Importance of Flora and Fauna:

- Biodiversity
- Oxygen Production
- Food Web
- Energy Flow
- Ecological Balance

Conclusion:

What you learned from the project?

Bibliography

Note:

Make a decorative and informative project in your own handwriting with pictures (8–10 pages).

### **WORKSHEET**

Q1. What is curiosity? Explain its role in science?

Q2. What are microorganisms?

Q3. Why does the Moon shine at night?

Q4. What are ecosystem?

Q5. Why is Earth suitable for life?

Q6. What is climate change?

Q7. Name two useful microorganisms?

Q8. What causes strong winds and cyclones?

Q9. What did we learn from different cultures?

Q10. Explain the following terms:

1) Diversity

2) Benefits of diversity

Q11. How does travel increase knowledge?

Q12. How can we respect diversity?

Q13. What is the space between the cell membrane and nucleus known as?

Q14. Define the following:

1) Cells

2) Decomposers

3) Root nodules

4) Lactobacillus

Q15. Name some places where microorganisms are found?

Q16. What is the role played by Lactobacillus in making curd?

Q17. What are plastids?

Q18. Name the pigment that makes plants green?

Q19. How do bacteria help in cleaning the environment?

Q20. Why is methane considered useful?

Q21. Name any two types of microalgae used as health supplements.

- Q22. What is spirulina and why is it called a suspension?
- Q23. Differentiate between multicellular and unicellular organisms.
- Q24. What are the different shapes of bacteria?
- Q25. How are microorganisms used in making different food items?

## MATHEMATICS

### Topic: Rajasthan and Nagaland

Prepare a colourful Mathematics Project File on the states Rajasthan and Nagaland using mathematical data and activities.

#### Students are required to do the following:

1. Write a short introduction about Rajasthan and Nagaland.
2. Collect information about:
  - Area
  - Population
  - Number of districts
  - Literacy rate
3. Make a comparison table of both states.
4. Draw a bar graph showing:
  - Population
  - Number of districts
  - Literacy rate
5. Prepare and solve 5 maths questions using the information collected.
6. Decorate your project with pictures, maps, and colours.
7. Write a short conclusion about what you learned.

#### Instructions:

- Do the work neatly.
- Use coloured pens/pencils for headings and graphs.
- Submit the project after summer vacation.

## WORKSHEET

1. Find the square of 48 and 75.
2. Simplify:  $2^4 \times 2^3$ .
3. Find the cube of 9 and 14.
4. Write 0.00045 in standard form.
5. Check whether 529 and 600 are perfect squares. Give reasons for your answers.
6. Simplify:  $5^7 \div 5^3$ .
7. Find the square root of 324, 784, and 1225.
8. Express the following in exponential form:  $6 \times 6 \times 6 \times 6$ .
9. Find the smallest number that should be multiplied by 675 to make it a perfect square.
10. Find the value of  $3^5$ .
11. Find the smallest number that should be divided by 864 to make it a perfect cube.
12. Simplify using laws of exponents:  $(4^2)^3$ .
13. A square playground has a side length of 35 m. Find its area.
14. Write 7200000 in standard form.

15. The volume of a cube is  $512 \text{ cm}^3$ . Find the length of each edge of the cube.
16. Simplify:  $(7^5 \times 7^2) \div 7^3$ .
17. Find the value of  $17^2 - 16^2$ .
18. Compare the values of  $2^6$  and  $4^3$ .
19. A cubical water tank has an edge of 7 m. Find its volume.
20. A computer stores  $2^{10}$  bytes in one kilobyte. Find the number of bytes in 8 kilobytes using exponents.
21. Find the cube root of 729.
22. Simplify:  $9^4 \div 9^2$ .
23. Find the square of 125 using division method.
24. Write 0.0000082 in standard form.
25. Find whether 1331 is a perfect cube or not.

## **GENERAL KNOWLEDGE / MORAL SCIENCE**

### **TOPIC: RAJASTHAN PAIRED WITH NAGALAND**

#### **PROJECT INSTRUCTIONS**

Prepare a creative and informative project file on Rajasthan and Nagaland under the theme "Ek Bharat Shreshtha Bharat."

Your project should include:

- Culture and traditions
- Festivals
- Food
- Dance and music
- Tourist places
- Costumes and lifestyle
- Comparison between Rajasthan and Nagaland
- Moral values learned from both states

## **WORKSHEET**

### **WORKSHEET QUESTIONS (TO BE DONE IN SEPARATE NOTEBOOK)**

1. What was the reason of Kuber's arrogance?
2. Why did Kuber wish to host a feast?
3. What was the boon that Lord Shiva gave Kuber?
4. What lesson do you think Kuber learnt when the feast did not turn out as he had expected?
5. Who was the chief guest at the feast?
6. How did Ganesha teach Kuber a lesson in humility?
7. Why is it important to be humble at all the times?
8. What did the senior students generally think about a visitor's talk?
9. How did the school Headmaster and Singh sir help the boys find a source of income?
10. Why could the boys' father not earn anymore?
11. Which character traits helped Tushar succeed?

12. Why did Tushar donate money for the construction of the school auditorium?
13. Why was Mr Tushar Kumar keen on visiting his school while he was on holiday in Kerala?
14. Does meeting and talking to successful people about their journey in life enable us to learn something positive from them? How?
15. Name the most expensive spice in the world which is also used to colour food and to make perfumes.
16. More than 20% of world's oxygen is provided by which rainforest?
17. Name the spice that can be used to garnish sweet dishes and flavour cold drinks, coffee and tea it helps in asthma.
18. Which sea animal has five radiating arms and moves with the help of tube-like feet on its arms?
19. Which sea creature has eight arms and an eye on each side of its head, and can camouflage itself by changing its skin colour according to its surroundings?
20. Name the tiny creature that has 8 legs?
21. Which intelligent sea animal has a beak-like snout and travels through water in big groups?
22. Which deep-sea creature has ten arms and escapes its enemies by squirting out a cloud of ink to save itself?
23. Which is the largest known fish that lives in tropical waters, is solitary in nature, and is harmless to humans?
24. Which sea mammal holds its breath underwater and comes to the ocean surface to breathe?
25. Which is the only fish that swims in a stand-up position and looks like a horse?

### Drawing

- Design a Poster Showing Unity in Diversity between Rajasthan and Nagaland.
- Create a Mask or Decorative Craft inspired by tribal culture.
- Draw and colour famous monuments or houses from both states.

### संस्कृत

#### कार्य पत्रिका

प्रश्न 1- बालिका शब्द रूप लिखें व याद करें।

प्रश्न 2- कवि शब्द रूप लिखें।

प्रश्न 3- भू (भृ) धातु पांचों और लकार लिखें व याद करें।

प्रश्न 4- 1 से 30 तक संस्कृत में गिनती लिखें।

प्रश्न 5- क्त्वा व ल्यप् प्रत्यय के उदाहरण लिखें। (कोई -10)

प्रश्न 6- शब्दार्थयोः लिखत।

अवसत्, वधम्, खादित्वा, अपरः, कूप, लुब्धः, प्रासादम् नितराम्, पिपासा, महती

प्रश्न 7- संस्कृते अनुवादं कुरुत।

- (1) मायादास एक राजा था।
- (2) मुनि की बात सत्य थी।
- (3) उसे बहुत प्यास लगी थी।
- (4) एक जंगल में एक शेर रहता था।
- (5) खरगोश बहुत बुद्धिमान था।
- (6) कुएं में दूसरा शेर रहता था।
- (7) शेर कुएं में कूद गया।
- (8) वह पशुओं को मारता था।
- (9) विद्यार्थी जीवन स्वर्ण काल होता है।
- (10) सुबह जल्दी उठकर नहाना चाहिए।

**प्रश्न 8-** सन्धि-विच्छेदं कुरुत।

विद्यार्थी, सदैव, कदापि, तथैव, स्वल्पाहारम्

**प्रश्न 9-**पर्यायवाची शब्दाः लिखत।

1. भूपति: \_\_\_\_\_
2. मुनि: \_\_\_\_\_
3. कुसुमम् \_\_\_\_\_
4. पुत्री \_\_\_\_\_

**प्रश्न 10 -** अधोलिखित पदानि वाक्यरचना संस्कृते कुरुत।

भूपः, चतुरः, सागरे, धेनुपुत्रः

**परियोजना कार्य**

राजस्थानस्य नागालैण्डस्य च प्रमुखाः जनजातयः काः सन्ति? सचित्र लिखत।

# COMPUTER

## Project Theme

### “Rajasthan Paired with Nagaland – A Digital Journey of Indian Culture”

#### ❖ General Instructions

- Prepare the project using MS Word / PowerPoint.
- Use proper formatting, headings, and pictures.
- Project should be creative and informative.
- Project should contain atleast 8-10 slides.

#### ❖ Project Work Details:

- Design an attractive cover page including:
  - Project Title, Student Name, Class & Section, Roll Number, School Name
  - Use pictures related to Rajasthan and Nagaland.

#### ➤ Introduction

- Importance of technology in presenting culture
- Brief introduction of Rajasthan and Nagaland
- Objective of the project

#### ➤ State Information Table

Create a table comparing both states on the basis of Features, Capital, Language, Famous Food , Dance Festival

- Explain how computers help in:
  - Tourism promotion
  - Online learning about culture
  - Digital maps
  - Designing posters and presentations
  - Social media promotion of tourism

- Create a digital poster on:

“**Unity in Diversity**” Include Images, Slogans, Cultural symbols of both states

- Conclusion & Bibliography
- **NOTE:** Kindly send the project to the given mail id  
(sweetanjali66@gmail.com)

## WORKSHEET

- Q1. What is computer?
- Q2. What do you mean by protocol?
- Q3. Which is the most expensive form of guided media?
- Q4. What do you mean by internet?
- Q5. What would you do if your computer was running slow?
- Q6. Which user have the highest privilege?
- Q7. What is data backup?
- Q8. What is the full form of CPU?
- Q9. Write a shortcut key to select all the text.
- Q10. What are different types of file permissions?
- Q11. Write a short note on Hub and Switch?
- Q12. What do you mean by operating system?
- Q13. What is monitoring?
- Q14. What are the responsibilities of a system administrator?
- Q15. What is the full form of RAM?
- Q16. What do you mean by input devices?
- Q17. Which device is used to print a document?
- Q18. What do you mean by star topology?
- Q19. What is difference between LAN and MAN?
- Q20. How does TCP ensures reliability in data transfer?
- Q21. What is full form of ALU?
- Q22. What do you mean by topology?
- Q23. Which transmission is a line of sight transmission?
- Q24. Who can change the content of a file?
- Q25. What do you mean by troubleshooting?