Holiday Homework

Class 10th

➢ **SOCIAL SCIENCE**

HISTORY

(On Political Map of India)

Nationalism in India – (1918 – 1930)

1. Indian National Congress Sessions:

a. Calcutta (Sep. 1920)

b. Nagpur (Dec. 1920)

c. Madras (1927)

2. Important Centres of Indian National Movement

a. Champaran (Bihar) - Movement of Indigo Planters

b. Kheda (Gujarat) - Peasant Satyagrah

c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha

d. Amritsar (Punjab) - Jallianwala Bagh Incident

e. Chauri Chaura (U.P.) - Calling off the Non-Cooperation Movement

f. Dandi (Gujarat) - Civil Disobedience Movement

  B. GEOGRAPHY (Outline Political Map of India)

Resources and Development

a. Major soil Types

Water Resources (Locating and Labelling)

Dams:

a. Salal b. Bhakra Nangal c. Tehri d. Rana Pratap Sagar e. Sardar Sarovar f. Hirakud

g. Nagarjuna Sagar h. Tungabhadra

Crop Type	Crops	Season	Soil Required	Water/ Rain Required (Cm)	Area
Rabi					
Kharif					
Zaid					

Soil Type	Area/States	Properties	Crop best grown

➢ SCIENCE (CHEMISTRY)

Study of acidity of fruit and vegetable juices

Study of digestion of starch by Salivary amylase and the effect of pH and temperature on it

➢ Artificial Intelligence (Computer)

1. Project Work (Choose Any One):

a) AI in Daily Life – Presentation

- Create a PowerPoint or Google Slides presentation (6–8 slides) on how AI is used in daily life (e.g., smart assistants, Google Maps, facial recognition, etc.).
- Include pictures, examples, and short descriptions.

b) AI Ethics – Poster/Chart

- Make a creative poster or chart explaining **ethical issues in AI** such as privacy, bias, job displacement, etc.

c) Interview Activity

- Interview 2 adults and ask them how they use AI in their daily life (e.g., voice assistants, recommendation systems, etc.)
- Prepare a short report (1 page) summarizing your findings.

2. Assignment Work (To be done in notebook):

a) Define the following terms:

- Artificial Intelligence
- Machine Learning
- Data
- Algorithm
- Model
- Ethics in AI

b) Short Answer Questions:

1. What are the three domains of AI? Explain with examples.
2. Differentiate between AI and Human Intelligence.
3. Write the advantages and disadvantages of AI.

➤ (biology)

4. Draw the neat labelled diagrams of the following in the A4 size sheets and then to be submitted in a stick file .
5. •Human digestive system
6. •Human heart
7. • Structure of leaf
8. •Respiratory system
9. •Sperm and Ovum
10. •Excreatory system
11. •Reproductive system (Male and female)
12. •Human brain
13. •Neuron
14. • Hibiscus flower
15. **TITLE PAGE**
16. **# cover page**
17. **#Certificate**
18. **#Acknowledgement**
19. **#Index**

properties of light, Reflection of light and image formation, (make a project on

ax4 size plane sheets)

➤ Hindi

1- किसी एक विषय पर रचनात्मक लेख लिखिनए ।

2-अपनी पाठ्य पुस्तक मे से कोई दो लेखकों का जीवन परिचय लिखिए ।

3- किन्हीं दो विषयों पर औपचारिक पत्र लिखिए ।

4- किन्हीं दो विषयों पर सूचना लेखन कीजिए ।

5- किन्हीं दो विषयों पर ईमेल लेखन कीजिए ।

😊 Summer Vacation Homework – Class 10 English 😊

1. Thematic Essay Writing ✍️

- Write **2 essays** (400–500 words each) on the following topics:
    - *Technology: A Boon or a Bane?*
    - *My Vision for India @2047*
- Focus on a clear introduction, body paragraphs with examples, and a strong conclusion.

2. Vocabulary Builder Log 📖

- Learn **25 new words** (5 each week) during the holidays.
- Maintain a log mentioning:
    - The Word
    - Meaning
    - Part of Speech
    - Use it in an original sentence

34. Creative Poster Making 🎨

- Design a **poster** on any one theme:
    - *Save the Environment*
    - *Literacy for All*
    - *Mental Health Matters*
- Focus on a strong slogan, impactful visuals, and clear English.

6. Group Project: Literary Magazine Creation 📑

- Form a group of 3–4 friends.
- Collaboratively create a mini **English Literary Magazine** featuring:
    - 2 short stories
    - 2 poems
    - 1 article on "The Power of Reading"
- Design it creatively by hand.

📌 **Instructions:**

- Complete your work neatly.

- You may submit handwritten work.

- Group projects must be submitted with all members' names.

- Deadline for submission: **First week after reopening**.

✨ **Enjoy the break, explore new ideas, and express yourself creatively!** ✨