

SUBJECT: ENGLISH (184)

1. Make a PPT on varied 'poetic devices'. Do mention their definitions citing examples from the poems and prose from the prescribed syllabus.

Note:

- i. Each poetic device to be prepared in different slide.
 - ii. Minimum number of poetic devices to be dealt with should be 10.
 - iii. For a particular poetic device, do cite examples from various poems/ prose and also mention the name of the chapter in bracket.
2. Imagine that you have to organise a festival in your school to celebrate 153rd anniversary of Gandhiji. The objectives are to-
 - ❖ create an awareness about Gandhiji
 - ❖ follow Gandhian principles
 - ❖ lay special emphasis on vasudhaiva kutumbakam

You plan to have at least 6 events, with rules, duration and other necessary details . Give interesting names to the events. Design a brochure for this festival (can do it on paper or digitally).

Or

Design a video game, with rules for participation, with the theme- Landmark events in Gandhiji's life. Write the rules for the game.

Or

You decide to have a food court with cuisine of places where Gandhiji had visited in a school carnival. Name any 5 places you would choose, with one recipe from each place. Design an advertisement for this food court.

Or

Design a school uniform with khadi, using Sohrai paintings, like Sabyasachi has used bandhini for a school uniform in Jaipur.

Or

After reading Gandhi's autobiography, write a poem on My experiment with truth

Or

Design a poster for a panel discussion on 'Relevance of Gandhian principles today'.

Or

Draw on the theme- 'The earth has enough for everyone's need but not for everyone's greed'.

SUBJECT: HINDI (002)

1. रेडीमेड कपड़ों के लिए एक विज्ञापन तैयार कर उसे रंगों से खूबसूरत बनाएं।
2. राम लक्ष्मण परशुराम संवाद पाठ से संबंधित चित्र बनाकर उसे सजाएं और पाठ की 12 पंक्तियां भी लिखें।

SUBJECT: MATHEMATICS (041)

1. Find the sum $(5 + 13 + 21 + \dots + 181)$.
2. If S_n , the sum of first n terms of an AP is given by $S_n = (3n^2 - 4n)$, then find its n th term.
3. Find four numbers in AP whose sum is 20 and the sum of whose squares is 120.
4. If the 10th term of an AP is 52 and the 17th term is 20 more than the 13th term, find the AP.
5. Find the 11th term from the last term towards the first term of the AP : 10, 7, 4, ..., (-62) .

Activity:

To verify that the sum of first " n " natural number is $n(n+1)/2$ by graphical method

(Refer: Lab Activity Book, Activity no 1.7)

Do this in A4 size paper

SUBJECT: SCIENCE (086)

Physics:

Make a PPT to show the different electrical components with their symbol.

Chemistry:

Make a project on Soap and Detergent. Explain the cleansing action of Soap.

Biology:

“In a monohybrid cross of tall Pea plants denoted by TT and short pea plants denoted by tt, Rahul obtained only tall plants (denoted by Tt) in F1 generation. However, in F2 generation he obtained both tall and short plants.”

Using the above information, explain the law of dominance and the law of segregation with the help of flow chart.

SUBJECT: SOCIAL SCIENCE (087)

Civics:

Make a chart showing names of five national political parties with their symbols, ideologies and names of two of their prominent leaders.

Economics:

1. The currency notes on behalf of the Central Government are issued by whom?
2. ‘Modern currency is without any use of its own’; then why is it accepted as a medium of exchange?
3. What is the meaning of ‘barter system’?
4. What is meant by double coincidence of wants?
5. How does money act as a medium of exchange?

Geography:

Paste the pictures of different energy resources and mention their distribution and prospects in India.

SUBJECT: SANSKRIT (122)

1. घड़ी बनाकर संस्कृत में समय दर्शाएँ। (चार्ट पेपर एवं अनुपयोगी वस्तुओं के प्रयोग से)
2. श्रीमद्भगवद्गीता के चतुर्थ अध्याय से 1–15 श्लोक याद करें।

SUBJECT: ARTIFICIAL INTELLIGENCE (417)

1. What are the 5 stages of AI project cycle 10? Name and explain.
2. How is an AI project cycle different from a normal IT project cycle?
3. Can we design AI systems without Data Visualisation? Why?
4. Explain how problem scoping is beneficial for an AI project.
5. Identify the Sustainable development goals associated with each of the following themes:
 - a) Environment
 - b) Economy
 - c) Equality

All assignment to be done in respective subject assignment copy or as specify.

