

SGJ DAV SEN. SEC. PUBLIC SCHOOL, HARIPURA

Class - 12th (Arts)

Date - 07.01.2025

Instructions: Dear children, The work which is being sent to you, it must be done in a fair notebook and in beautiful handwriting. When the school will reopen this home work will be checked. This work is given for revision purpose.

English

In certain states of India there is a great imbalance in the male female ratio. This is the result of special treatment given to the boys in the family. Why is it so? How can we change this mindset? Write an article in 150-200 words on 'Gender discrimination in society'. You are Karuna / Karan.

Maths

1. Find the unit vector in the direction of the sum of the vectors:

$2i - j + 2k$ and $-i + j + 3k$.

2. Solve the differential equation :

$(1+y^2)(1+\log x) dx + x dy = 0$, given that when $x=1$, $y=1$.

3. Determine the area of the parallelogram whose adjacent sides are:

$a = i + 2j - 3k$ and $b = 3i - 2j + k$.

4. Show that $(x^2 + xy) dy = (x^2 + y^2) dx$

Is homogenous and solve it.

5. A man is known to speak the truth 3 out of 5 times. He throws a die and reports that it is '1'. Find the probability that it is actually 1.

History

1. Compare and contrast the dharma or norms mentioned in the stories of Drona Hidimba and Matanga
2. "The Mahabharata is a story of kinship, marriages and patriliney (The practice of tracing descent through the father's line contrasted with matriliney)." Examine the statement.
3. Critically examine the duties of the chandalas in society having the Varna system.
4. Explain the right to property mean in the context of women and men in the period of Mahabharata

Political science

1. Highlight the legacy of Janta government which came into power after the end of the emergency of 1975 to 77
2. The anti emergency wave does not adequately describe the mode of the 1977 elections in detail
3. What were the main provisions of the Punjab Accord in what way can they be the basis for further tensions between the Punjab and its neighbouring States?

Geography

Locate and label all the points as per syllabus in The map of India as well as World.

Punjabi

'ਮਨ ਜੀਤੇ ਜਗ ਜੀਤ' ਤੇ ਪੈਰਾ ਰਚਨਾ ਕਰੋ।

ECONOMICS

Q1. Rural Economic development is essential for Indian economy development. Do you agree with the given statements? Put your answer with valid reasons

Q2. "Jan Dhan yojana helps in rural development." Do you agree with the statement? Explain.

Q3. "The Prime Minister urged to increase the rural income by increasing the non farm activities."

Explain how non farm activities can lead to rise in income of the people in rural sector.

Q4. Discuss the importance of credit in rural development.

Read the following statements carefully. Write True or false with reason

- Landlords, village traders and money lenders are the three elements of institutional rural credit in India.
- Organic farming promotes sustainable development.
- MSP policy is an important step towards improving the agriculture marketing system in India.
- Livestock farming is found to be flourishing in areas where there are permanent means of irrigation.
- Credit is the lifeline of farming activity in India.
- It was with nationalization of commercial banks in 1969 that the concept of social banking was put into practice in India.

IT

Q1. What is Java Bytecode?

Q2. Explain the difference between a Class and an Object with an example.

Q3. What is a constructor? Why is it used?

Q4. How are exceptions handled in Java?

Q5. How can threads be created in Java? Briefly explain with an example.

FINE ARTS

Q.1) The undeniable love of mother towards the child and the compassion & care felt by the child is successfully shown in the following paintings. Justify this statement by describing any one painting given below on the basis of its compositional arrangement.

1)'Mother and Child'

2)'Mother Teresa'

PHYSICAL EDUCATION

TOPIC- MANAGEMENT OF SPORTING EVENTS

#Functions of Sports Events Management, Planning, Organising, Staffing, Directing and Controlling.