

SGJ DAV SEN. SEC. PUBLIC SCHOOL, HARIPURA

Class – 12th (Arts)

Date – 04.01.2025

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

After passing the secondary school examination ,a candidate has to make a very difficult choice from a number of streams available to him for further study at the senior school level. There is no valid mechanism to assess the suitability of a candidate for a particular stream. Write a letter to the editor of a national daily emphasising the need of educational counsellors for guidance in this matter in each school .You are Vinita/ Vinay, 48, Agra Fort, Agra

ਪੰਜਾਬੀ

'ਸਲੀਕਾ ' ਤੇ ਪੈਰਾ ਰਚਨਾ ਲਿਖੋ।

History

1. List the raw materials required for craft production in the Harappan civilisation and discuss how these might have been obtained.
2. “Our knowledge about the Indus Valley Civilization is poorer than that of the other Civilizations”. Explain it by your arguments?
3. “Burials is a better source to trace social differences prevalent in the Harappan civilization”. Discuss.

Maths

1. The equation of a line is $5x-3=15y+7=3-10z$. Write the direction cosines of a line.
2. Find graphically, the maximum value of $Z=2x+5y$, subject to constraints given below:
 $2x+4y\leq 8; 3x+y\leq 6; x+y\leq 4; x\geq 0, y\geq 0$.
3. If a leap year is selected at random, what is the chance that it will contain 53 Tuesdays?
4. Determine for which values of x , the function $f(x)=x^4-2x^2$ is increasing or decreasing.
5. Find the area of the region bounded by $y^2=9x$, $x=2$, $x=4$ and the x -axis in the first quadrant.

Political Science

1. Mention major tensions and conflicts that took place in the former Soviet republic. what are their results?
2. Why did the Soviet union disintegrate?
3. Discuss indo china relations.

Information Technology

Answer the given questions in 20-30 words each

Q1. Explain Drop table with Cascade command.

Q2. The following code has some error(s).

Rewrite the correct code underlining all the corrections. Also categorize the loop as Entry / Exit Control Loop.

```
int p
p = 14;
do;
p = p-2;
System.out.println(p);
}while p >= 2
```

Q3. Differentiate between = and == operator in JAVA

Answer the given question in 30-50 words each

Q4. How eGovernance does empowers the citizens. Give 3 points.

Answer the given question in 50-80 words each

Q5. Aman wants to shop shoes online. Write detailed Steps/ procedure to be followed while shopping online.

Geography

Solve your pre board question paper of Geography from QN 1 to 23

Economics

Q1. Read the following statement carefully and write true or false with reason

1. The commercial banks generate their profits by way of 'spread
2. **If reserve requirement is equal to 25% of deposit then the credit of multiplier = 10.**
3. **A fall in SLR increases money supply the economy.**
4. Open market operations are meant to increase or decrease the money supply in the economy.
5. Qualitative instruments control the flow of credit to select sectors of the economy.
6. 1 The goal of central bank is to maximize profit.

Q2. Define ' Credit Multiplier '. What role does it play in determining the credit ratio power of the banking system ? Use a numerical Illustration to explain.

Q3. If in a economy bank rate is increased, how will it effect demand for the credit? Explain?

Q4. Discuss briefly the credit creation process of banking system using a hypothetical numerical example

COMMERCIAL ARTS

Answer the following question (2X 6):

1. Symbolize the following colours in our National Flag? ☐ Saffron ☐ White ☐ Greer ☐ 4 Navy Blue
2. Mention the artist of the painting 'Haldi Grinders'
3. Mention the sculpture made by the famous Artist D.P.Raj Choudhary.

PHYSICAL EDUCATION

TOPIC- SPORTS AND NUTRITION

Concept of balance Diet and Nutrition.

Write briefly about Macro and Micro Nutrients: Food Sources and Functions. ?

What are the types of Vitamins? Describe their sources and functions.