

ARMY PUBLIC SCHOOL JAMMU CANTT

HOLIDAY HOMEWORK FOR CLASS X

Dear Students,

Summer Vacation is a great time to inculcate innovativeness, creativity and interest. So, we bring you a series of enjoyable activities which will surely enhance your personality and learning process in your leisure time.

ENGLISH

1. BEING CREATIVE

AUTOBIOGRAPHY:

Write down your Autobiography by using given features:

Purpose: to give an account of your life so far.

Structure: opens with an attention-grabbing introduction.

Tense: Written with past tense but closing statements may use present /future tense.

Include: positive and negative experiences and how they shaped your life, name individuals who have influenced you.

2. WRITING SECTION

- i) You are Rohit/Reena, a resident of 481/D, Trikuta Nagar, Jammu. Write a letter to the Superintendent of police showing your concern for the rise in the rate of violent incidents, robberies in your city. Also request him to take immediate steps to restore the confidence of common people in the effectiveness of policing.
- ii) Describe any two of the following proverbs in your own words.
 - a) Pen is mightier than sword.
 - b) All is well that ends well.
 - c) No pain, No gain.
- iii) You are the In-charge of the Medical Section of Gyanodaya Public School, Nehru Vihar, Alwar. Your stock of medicines is about to finish. Write a letter to the Director of Jambo Medicare, Delhi, ordering medical items like glucose, crocin, bandages, tincture, pain-healers, ointments etc. Ask for discount on bulk order. Invent other necessary details. (100-120 words).

3. READING IS FUN :

Swami and Friends : R .K Narayan
Read the novel and write book review.

4. GRAMMAR SECTION:

1. Do two Gap Filling Exercises.(Integrated grammar-modals, subject verb

agreement and tenses)

2. Do two Omission Exercises. (Integrated grammar-modals, subject verb agreement and tenses)

3. Do two Editing Exercises. (Integrated grammar-modals, subject verb agreement and tenses)

5. ART INTEGRATION PROJECT:

Compare and contrast location on map, cultures, languages, dishes, costumes, folk dances, folk songs, climate, flora and fauna and famous attractions of Jammu and Kashmir with Gujarat. Paste pictures with a nice and brief write up.

(Do it on a separate project file)

NOTE :

LITERATURE SECTION:

Revise the syllabus done in the class.

स्पर्श -पाठ आधारित प्रश्न**स्वरचित कार्य**

प्रश्न 1 पाठ 'बड़े भाई साहब' से दस अतिरिक्त प्रश्नोत्तर लगभग 60 शब्दों में लिखें।

प्रश्न 2 'मीराबाई के पद' का मूल भाव विस्तार पूर्वक ढंग से लिखें।

प्रश्न 3 'कबीर की साखी' पर आधारित अतिरिक्त दस प्रश्नों को छाँट कर उनके उत्तर लगभग 60 शब्दों में लिखें।

संचयन - पाठ आधारित प्रश्न

प्रश्न 4 संचयन पाठ 'हरिहर काका' पढ़कर पाठ पर आधारित अतिरिक्त पाँच प्रश्नोत्तर कॉपी पर लिखें।

व्यावहारिक व्याकरण

प्रश्न 5 व्याकरण -पदबंध और समास के हर भेद पर आधारित पाँच -पाँच उदाहरण कॉपी पर लिखे और अभ्यास करें।

गतिविधि -पाठ 'बड़े भाई साहब' में संकलित लगभग 25 मुहावरों की कलात्मक प्रस्तुति करें।

(फाइल में लगाने हेतु)

लेखन भाग:-रचनात्मक कार्य

प्रश्न 1 विद्यालय की प्रयोगशाला में प्रयोग करते हुए आप से कुछ सामान टूट गया है, जिसके कारण विज्ञान

शिक्षिका ने आप पर एक हजार रुपये का जुर्माना कर दिया है। इसे माफ कराने का निवेदन करते हुए

प्रार्थना पत्र लिखें।

प्रश्न 2 किसी प्रतिष्ठित दैनिक समाचार-पत्र के संपादक को सड़क दुर्घटनाओं को रोकने के लिए सुझाव देते

हुए पत्र लिखें।

कला एकीकृत परियोजना

प्रश्न 1 जम्मू कश्मीर एवं गुजरात की भौगोलिक स्थिति का वर्णन लगभग 150-200 शब्दों में करते हुए उससे

संबंधित चित्र बनाएँ।

प्रश्न 2 जम्मू कश्मीर एवं गुजरात के प्रसिद्ध लोक नृत्य के चित्र बनाओ तथा उनके बारे में संक्षिप्त जानकारी

भी लिखो।

(यह कार्य फाइल पर करना है।)

नोट:-पढ़ाई गए संपूर्ण पाठ्यक्रम को याद करके अभ्यास करें।

MATHS

1. Find whether decimal expansion of $11/64$ is a terminating or non-terminating decimal. If it terminates, find the number of decimal places its decimal expansion has.
2. Show that $(\sqrt{3}+\sqrt{5})^2$ is an irrational number.
3. Show that 9^n can not end with digit 0 for any natural number n .
4. Find the zeroes of the quadratic polynomial $3x^2 - 2$ and verify the relationship between the zeroes and the coefficients.
5. ABC is a right angles triangle, right angled at A. A circle is inscribed in it. The lengths of the two sides containing the right angles are 6cm and 8cm. Find the radius of the circle.
6. Prove that the areas of two similar triangles are in the ratio of the squares of their corresponding: (a) altitudes (b) medians (c) angle bisectors.
7. An NGO decided to distribute books and pencils to the students of a school running by some other NGO. For this they collected some amount from different people. The total amount collected is represented by $4x^4 + 2x^3 - 8x^2 + 3x - 7$. From this fund each student received an equal amount. The number of students, who received the amount, is represented by $x - 2 + 2x^2$. After distribution, $5x - 11$, amount is left with the NGO which they donated to school for their infrastructure. Find the amount received by each student from the NGO. What value has been depicted here?
8. If one zero of the quadratic polynomial $f(x) = 4x^2 - 8kx + 8x - 9$ is negative of the other, then find the zeroes of $kx^2 + 3kx + 2$.
9. Determine graphically whether the following pair of linear equations $2x - 3y = 5$; $3x + 4y = -1$ has
 - (i) a unique solution
 - (ii) infinitely many solutions or
 - (iii) no solution
10. In a two-digit number, the digit in the unit place is twice of the digit in the tenth place. If the digits are reversed, the new number is 27 more than the given number. Find the number.
11. Determine the ratio in which the line $3x + y - 9 = 0$ divides the segment joining the points (1, 3) and (2, 7).
12. The owner of a taxi company decides to run all the taxi on CNG fuels instead of petrol/ diesel. The taxi charges in city comprises of fixed charges together with the charge for the distance covered. For a journey of 13 km, the charge paid is? 129 and for journey of 22 km, the charge paid is Rs 210.
 - (i) What will a person have to pay for travelling a distance of 32 km?
 - (ii) Why did he decide to use CNG for his taxi as a fuel?
13. Determine the value of m and n so that the following pair of linear equations have infinite number of solutions.
$$(2m - 1)x + 3y = 5;$$
$$3x + (n - 1)y = 2$$

14. The age of the father is twice the sum of the ages of his 2 children. After 20 years, his age will be equal to the sum of the ages of his children. Find the age of the father.

15. Solve:

$$\frac{2x}{x-3} + \frac{1}{2x+3} + \frac{3x+9}{(x-3)(2x+3)} = 0, \quad x \neq 3, -\frac{3}{2}$$

16. Mahesh works as a manager in a hotel. He has to arrange seats in hall for a function. A hall has a certain number of chairs. Guests want to sit in different groups like in pairs, triplets, quadruplets, fives and sixes etc. When Mahesh arranges chairs in such pattern



like in 2's, 3's, 4's 5's and 6's then 1, 2, 3, 4 and 5 chairs are left respectively. But when he arranges in 11's, no chair will be left.

a. In the hall, how many chairs are available?

- (a) 407 (b) 143
(c) 539 (d) 209

b. If one chair is removed, which arrangements are possible now?

- (a) 2 (b) 3
(c) 4 (d) 5

c. If one chair is added to the total number of chairs, how many chairs will be left when arranged in 11's.

- (a) 1 (b) 2
(c) 3 (d) 4

d. How many chairs will be left in original arrangement if same number of chairs will be arranged in 7's?

- (a) 0 (b) 1
(c) 2 (d) 3

e. How many chairs will be left in original arrangement if same number of chairs will be arranged in 9's?

- (a) 8 (b) 1
(c) 6 (d) none

17. India is competitive manufacturing location due to the low cost of manpower and strong technical and engineering capabilities contributing to higher quality production runs. The production of TV sets in a factory increases uniformly by a fixed number every year. It produced



16000 sets in 6th year and 22600 in 9th year.

i) Based on the above information, answer the following questions:

- a. Find the production during first year.
 - b. In which year, the production is Rs 29,200?
 - c. Find the difference of the production during 7th year and 4th year.
- 18..** Find the roots of the following equations: $x^2 - 3x + 2 = 0$ (by quadratic formula) and $2x^2 - 5x + 2 = 0$ (by splitting middle term). Also write their common root.

ACTIVITY WORK: (DO THESE ACTIVITIES ON MATHS LAB MANUAL).

1. To verify given sequence is in arithmetic progression by paper cutting and pasting method.
2. To verify sum of n natural numbers in an A.P
3. To verify Basic Proportionality theorem.
4. **ART INTEGRATED PROJECT (DO IT ON A SEPARATE FILE)**

COMPARISON OF GUJARAT AND JAMMU AND KASHMIR IN TERMS OF POPULATION, FOLK DANCES, LITERACY RATE AND CLIMATE.

NOTE :

1. MAINTAIN YOUR COPY.
2. REVISE FOLLOWING CHAPTERS
 1. REAL NUMBERS.
 2. POLYNOMIALS.
 3. LINEAR EQUATIONS.
 4. QUADRATIC EQUATIONS.
 5. ARITHMETIC PROGRESSION
 6. TRIANGLES

SCIENCE

BIOLOGY

1. Why is energy required by an organism even during sleep?
2. Give the energy transformation that takes place in the process of photosynthesis.
3. What is chlorophyll?
4. Name the various factors which affect the rate of photosynthesis.
5. Define photolysis.
6. Define light reaction and dark reaction.
7. What are peristaltic movements?
8. Name the largest gland in the body.
9. Give an example of an organism whose digestion is intracellular.
10. Name the various cells through which water moves upward to reach the leaves.
11. What will happen to a plant if its xylem is removed?
12. In which chamber of heart is oxygenated and deoxygenated blood found.
13. What makes RBC red?
14. What will happen if platelets were absent in the blood?
15. What is the main functions of kidneys in human?
16. In what part of nephron is water reabsorbed?
17. In which region of kidney Malpighian corpuscles are found?
18. What process in plants is known as transpiration?
19. Which is the major nitrogenous waste product in human beings? How is it removed from the body?
20. In which form :
 - a. Oxygen is carried to the tissues?
 - b. CO₂ moves out of the blood?

Survey and Research on The Global Impact of Respiratory Diseases.

Based on this research and survey you have to organize a seminar in the school on the occasion of World Lung Day (WLD),September25.

This is to raise awareness among the people about to protect their lungs by being physically active, stop smoking, reducing air pollution and getting vaccinated.

Task-1

‘Respiratory diseases impose an immense worldwide health burden’.

Find out the five most common respiratory diseases which are the causes of severe illness and death worldwide. Paste pictures and fill the necessary information in a table. Format is given at the end :

Note:

Source of Information for the Assignment:

It can be a Newspaper clipping,an article from a magazine or an Internet.

You have to write the reference of source of information you will use

for your assignment.

Draw and design a catchy caption for WorldLungDay-2020.

Click a picture of it and paste it at the bottom of your Assignment.

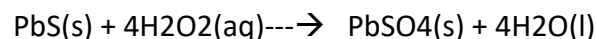
S.No	Respiratory disease(Name)	Scope of the disease	Prevention	Treatment
1				
2				
3				
4				
5				

CHEMISTRY

Q1 Why is that when a metal reacts with a non-metal, the reaction is always a redox reaction?

Q2. What are the two methods which can prevent the rancidity of fatty foods?

Q3. Find the oxidising and reducing agent in the following reaction:



Q4. It is said that "decomposition of calcium carbonate to calcium oxide and carbon dioxide on heating is an important decomposition reaction used in various industries". Explain how?

Q.5 What happen when green-coloured crystals of ferrous sulphate are heated? Which term is used to represent such type of reaction?

Q.6 Write a balanced chemical equation for the following reactions? Use symbols to make equations more informative.

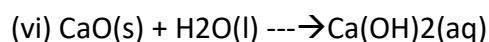
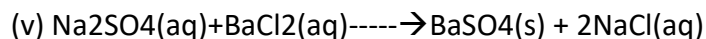
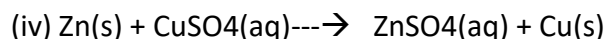
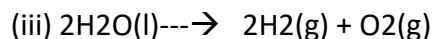
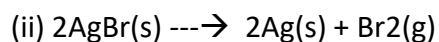
(i) Barium chloride reacts with zinc sulphate forming zinc chloride and precipitates of barium sulphate.

(ii) Aluminium metal displaces manganese in liquid form when heated with manganese dioxide.

Q.7 Consider the following reaction: $\text{SO}_2\text{(g)} + 2\text{H}_2\text{S(g)} \rightarrow 3\text{S(s)} + 2\text{H}_2\text{O(l)}$

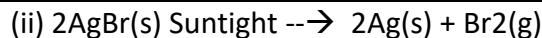
(i) Name the substance oxidized (ii) Name the oxidising agent. (iii) Name the substance reduced. (iv) Name the reducing agent.

Q.8 Classify each of the following reaction as : thermal decomposition, displacement, double displacement, electrical decomposition, combination or photo decomposition reaction.



Q.9 [A] What interpretations can be made from the following reaction :





Q.10 What is a chemical equation ?

Q.11 What is a skeletal equation ?

Q.12 Name the term used for the solution of a substance in water.

ACTIVITY

Make a small dictionary of 50 new words related to chemistry from the chapters of Ncert and also write information about them in 1-2 lines.

PHYSICS

Q1. A concave lens has focal length of 20cm. At what distance from the lens a 5cm tall object be placed so that it forms an image at 15cm from the lens? Also calculate the size of the image.

Q2. An object 50 cm tall is placed on the principal axis of a convex lens. Its 20 cm tall image is formed on the screen placed at a distance of 10 cm from the lens. Calculate the focal length of the lens.

Q3. Draw the ray diagram in each case to show the position and nature of the image formed when the object is placed:

- At the centre of curvature of a concave mirror
- At 2F of a convex lens
- Between F and P of the concave mirror
- At infinity in convex mirror
- At focus F1 of convex lens

Q4. A 15-year old student is not able to see clearly the questions written on the board placed at a distance of 5m from him.

- Name the defect of vision he is suffering from.
- With the help of labelled ray diagrams show how this defect can be corrected
- Name the type of lens used to correct this defect.

Q5. Explain why do the planets not twinkle but the stars twinkle.

Activity-1: Draw ray diagrams for each position of the object in case of concave mirror and convex lens.

ACTIVITY -2 : Draw the structure of human eye and explain the function of its different parts.

I. PRACTICALS TO WRITE FROM MANUAL:

EXPERIMENT-1,2,6,7,9&10

II. To complete the notebooks for chapters done- Textbook exercises, extra questions given should be done in the notebooks. Notebooks should be completed in all aspects like index, margins, dates, content, diagrams etc.

ART INTEGRATED PROJECT

Make a list of minerals found in J&K and Gujarat and also find out the composition of those minerals. Also mention the method of extraction of metals from those minerals. Paste pictures also.

(Do it in separate project file).

NOTE

Students to revise the syllabus of UT-1.

Multiple Choice Questions :

- Q1. Which of the following was not a characteristic of the conservative regimes in Europe?
- They were against the ideas of liberty and freedom.
 - They were against the ideas of democracy and nationalism.
 - They were against the ideas of equality and fraternity.
 - They were against the ideas of socialism and communism.
- Q2. Who was Frederic Sorrieu?
- A Philosopher
 - A Painter
 - A Politician
 - A Revolutionaries
- Q3. Which of the following is true with reference to Romanticism?
- Concept of government by consent
 - Freedom for the individual
 - Cultural movement
 - Freedom of markets
- Q4. What was the basic philosophy of the conservatives?
- They opposed monarchical forms.
 - They were the supporters of democracy
 - They wanted to glorify folk art and vernacular language.
 - They stressed the importance of tradition and established institutions and customs.
- Q5. Which of the following was not a characteristic of the radical regimes in Europe?
- They were in favour of the ideas of liberty and freedom.
 - They were in favour of the ideas of democracy and nationalism.
 - They were in favour of the ideas of equality and fraternity.
 - They were in favour of the ideas of socialism and communism.
- Q6. Which of the following was not a factor that contributed to the rise of nationalism in Europe?
- The spread of ideas of liberty, equality and fraternity.
 - The growth of modern education and the spread of printed literature.
 - The decline of feudalism and the rise of capitalism.
 - The decline of the middle class and the rise of the working class.
- Q7. Which of the following was not a characteristic of the nation-state?
- It had a common language, culture and history.
 - It had a defined territory and a government.
 - It had a common religion and ethnicity.
 - It had a sense of belonging and loyalty among its citizens.
- Q8. Which of the following was not a challenge faced by the nation-states in Europe?
- The problem of defining the boundaries of the nation-state.
 - The problem of accommodating the diversity within the nation-state.
 - The problem of maintaining the balance of power among the nation-states.
 - The problem of dealing with the rise of imperialism and colonialism.
- Q9. Which of the following was not a consequence of the unification of Italy?
- The establishment of a constitutional monarchy.
 - The creation of a liberal and democratic state.
 - The emergence of a strong and centralized government.
 - The suppression of regional identities and cultures.
- Q10. Which of the following was not a consequence of the unification

of Germany?

- a. The establishment of a constitutional monarchy.
- b. The creation of a liberal and democratic state.
- c. The emergence of a strong and centralized government.
- d. The suppression of regional identities and cultures.

Q11. Who was the leader of the movement for the unification of Italy?

- a. Giuseppe Garibaldi.
- b. Otto von Bismarck.
- c. Camillo di Cavour.
- d. Louis Napoleon Bonaparte.

Q12. Who was the leader of the movement for the unification of Germany?

- a. Giuseppe Garibaldi.
- b. Otto von Bismarck.
- c. Camillo di Cavour.
- d. Louis Napoleon Bonaparte.

Q13. Which of the following was not a consequence of the Franco-Prussian War?

- a. The unification of Germany.
- b. The establishment of the German Empire.
- c. The defeat of France and the loss of Alsace-Lorraine.
- d. The rise of nationalism in France.

Q14. Which of the following was not a consequence of the Congress of Vienna?

- a. The restoration of the old order in Europe.
- b. The suppression of nationalism and liberalism.
- c. The creation of a balance of power among the European states.
- d. The establishment of a system of collective security.

Q15. Which of the following was not a consequence of the Revolutions of 1848?

- a. The establishment of liberal and democratic regimes in Europe.
- b. The suppression of the revolutions by the conservative regimes.
- c. The rise of nationalism and the demand for national unification.
- d. The emergence of the working class as a political force.

Geography:

Multiple Choice Questions :

Q1. Which of the following is not a natural resource?

- A. Water
- B. Air
- C. Petroleum
- D. Roads

Q2. Which of the following is a renewable resource?

- A. Coal
- B. Natural gas
- C. Solar energy
- D. Petroleum

Q3. Which of the following is a non-renewable resource?

- A. Wind energy
- B. Geothermal energy
- C. Fossil fuels
- D. Tidal energy

Q4. Which of the following is not a land resource?

- A. Forests
- B. Mountains
- C. Rivers
- D. Soil

Q5. Which of the following is not a mineral resource?

- A. Iron
- B. Gold
- C. Diamond
- D. Oxygen

Q6. Which of the following is not a forest product?

- A. Timber
- B. Rubber
- C. Honey
- D. Coal

Q6. Which of the following is not a soil resource?

- A. Fertility
- B. Texture
- C. Colour
- D. Petroleum

- Q7. Which of the following is not a water resource?
A. Rivers B. Lakes C. Oceans D. Petroleum
- Q8. Which of the following is not a human-made resource?
A. Roads B. Bridges C. Buildings D. Air
- Q9. Which of the following is not a community resource?
A. Parks B. Schools C. Hospitals D. Petroleum
- Q10. Which of the following is not a national resource?
A. Forests B. Minerals C. Rivers D. Petroleum
- Q11. Which of the following is not a global resource?
A. Oceans B. Atmosphere C. Mountains D. Petroleum
- Q12. Which of the following is not a sustainable resource?
A. Solar energy B. Wind energy C. Fossil fuels
D. Geothermal energy
- Q13. Which of the following is not a conservation strategy?
A. Reduce B. Reuse C. Recycle D. Waste
- Q14. Which of the following is not a resource planning strategy?
A. Identification B. Classification
C. Utilization D. Destruction
- Q15. Which of the following is not a resource development strategy?
A. Conservation B. Management
C. Exploration D. Exploitation

Democratic Politics

Multiple Choice Questions :

- Q1. Which of the following is not a form of power sharing?
A. Horizontal division of power
B. Vertical division of power
C. Sharing of power among different social groups
D. Sharing of power among different levels of government
- Q2. Power sharing is necessary in societies which have:
A. Religious divisions B. Linguistic divisions
C. Ethnic divisions D. All of the above
- Q3. Which of the following is not a reason for power sharing?
A. To reduce conflict between different groups
B. To ensure the stability of political order
C. To increase the power of the government
D. To promote the unity of the country
- Q4. Which of the following is an example of horizontal power sharing?
A. Power shared among different levels of government
B. Power shared among different social groups
C. Power shared among different political parties
D. Power shared among different branches of government
- Q5. Which of the following is an example of vertical power sharing?
A. Power shared among different levels of government
B. Power shared among different social groups
C. Power shared among different political parties
D. Power shared among different branches of government
- Q6. Which of the following is not a form of power sharing in India?
A. Linguistic division of states
B. Reservation of seats in the legislature
C. Coalition government D. Military rule

- Q7. Which of the following is not a challenge to power sharing?
 A. Dominance of one community over others
 B. Linguistic and regional aspirations
 C. Political instability
 D. None of the above
- Q8. Which of the following is not a way to accommodate social diversity?
 A. Power sharing
 B. Democracy
 C. Dictatorship
 D. Federalism
- Q9. Which of the following is not a feature of federalism?
 A. Division of power between the central and state governments
 B. Written constitution
 C. Supremacy of the central government
 D. Independent judiciary
- Q10. Which of the following is not a level of government in India?
 A. Central government
 B. State government
 C. Local government
 D. International government
- Q11. Which of the following is not a type of local government in India?
 A. Panchayati Raj
 B. Municipalities
 C. Zila Parishad
 D. Rajya Sabha
- Q12. Which of the following is not a function of local government?
 A. Collection of taxes
 B. Maintenance of law and order
 C. Provision of basic services
 D. Conduct of foreign policy
- Q13. Which of the following is not a way to ensure power sharing?
 A. Coalition government
 B. Independent judiciary
 C. Military rule
 D. Reservation of seats in the legislature
- Q14. Which of the following is not a benefit of power sharing?
 A. Reducing conflict between different groups
 B. Ensuring the stability of political order
 C. Promoting the unity of the country
 D. Increasing the power of the government
- Q15. Which of the following is not a disadvantage of power sharing?
 A. Slowing down the decision-making process
 B. Creating political instability
 C. Encouraging regionalism and separatism
 D. Increasing the power of the government

2. Short Answer :

Geography

Short Answer :

- Q1. Which statements refers to the sustainable development ?
- Q2. Laterite soil is mainly found in which region of India?
- Q3. Name the state where black soil is mainly found.
- Q4. Why is the issue of sustainability important for development ?
- Q5. Suggest any three measures to control soil erosion in the hilly areas.

History

Short Answer :

- Q.1 Explain the concept of a national state
- Q.2 Explain the measures and practices creating sense of collective identity among the people of France.
- Q.3 Explain the decision of the congress of Vienna.
- Q.4 Why the 1830s was the year of great economic hardship in Europe?
- Q.5 Why did national tensions emerge in the Balkan?

Democratic Politics:

Short Answer

- Q1. It is an organ of the government which interprets the laws made.
- Q2. Mention any one characteristics of power sharing.
- Q3. How is power shared in modern democracies?
- Q4. State two main basis of the social divisions in Sri Lanka.
- Q5. How is the ethnic composition of Belgium very complex? Explain.

ECONOMICS :

SHORT ANSWER TYPE QUESTIONS:

- Q1. Why do different people have different goals for development?
- Q2. Why average income is taken into consideration instead of total income while making comparison between countries?
- Q3. Write a paragraph on your nation that what should India do, to become a developed country?
- Q4. What is the main criteria used by the World Bank in classifying different countries?
- Q5. What is human development index? Who has prepared it?

ART INTEGRATED PROJECT (on the Interdisciplinary topics)

The Project Report on any of the following topics (as per CBSE):

Note : The above points must be in relation/ collaboration with J&K and Gujarat. (Use a proper project file for this assignment and all activities must be done by hand no printout are permitted on Pics. or maps are accepted in printed format.

Collect data and use different primary and secondary resources to prepare the project, various forms of art may be integrated in the project work. Comparison of Gujarat and Jammu and Kashmir in terms of population, folk dances, literacy rate and climate.

Every student has to compulsorily undertake any one project on:

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

Objectives of the Project Report:

The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from an interdisciplinary perspective. By enhancing the Life Skills of the students.

Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report.

Competencies:

Collaboration, Use analytical skills, Evaluate the situations during disasters. Synthesize the information, Find creative solutions, Strategies the order of solutions and Use right communication skills.

4. Revise all chapters discussed in class.

History: Nationalism in Europe, Nationalism in India

Geography: Resources and development

Democratic Politics: Power Sharing.

Economics: Development

• प्रत्ययाः

१) ठक्, २) मतुप् ३) क्त्वा ४)तल्

इन प्रत्यय के उदाहरण लिखें और स्मरण करें
(एतेषां प्रत्याणाम् उदाहरणानि लिखित्वा आन्यन्तु।)

• समासाः

१)तत्पुरुषः, २) बहुब्रीहिः,

३) अव्ययीभावः (अनु, उप, सह, निर, प्रति, यथा)

४) द्वन्द्वः (केवलम् इतरेतरः)

शुचिपर्यावरणं पाठं समृत्वा आनयन्तु।

संस्कृतहिन्दी अनुवाद दशवाक्यानि लिखित्वा आनयन्तु।

नये विद्यालय में अपने पुत्र का दाखिला दिलवाने गर अभिभावक और प्रधानाचार्य के मध्य हुए वार्तालाप का संवाद लेखन कीजिए।

अभिभावक – सर! क्या मैं अंदर आ सकता हूँ?

प्रधानाचार्य – ‘हाँ-हाँ’ अवश्य आइए और काम बताइए।

अभिभावक – मैं अपने बेटे का दाखिला इस स्कूल में कराना चाहता हूँ।

प्रधानाचार्य – कौन-सी कक्षा में?

अभिभावक – ग्यारहवीं कक्षा में।

प्रधानाचार्य – उसने दसवीं कौन से विद्यालय से उत्तीर्ण की है?

अभिभावक –पब्लिक स्कूल राजौरी गार्डन से।

प्रधानाचार्य – तुम अपने बच्चे को पब्लिक स्कूल से यहाँ सरकारी स्कूल में पढ़ाना चाहते हो, ऐसा क्यों?

अभिभावक – मैंने इस आर्मी पब्लिक स्कूल जम्मू कैट का नाम सुना है। यहाँ पढ़ाई की उत्तम व्यवस्था है और खर्च नाम मात्र का भी नहीं है।

धन्यवाद ।

• कलैकिकरणं सञ्चनानां कार्याः

जम्मू- काश्मीरराज्यस्य नदीनां नामानि तथा गुजरातराज्यस्य नदीनां नामानि लिखित्वा
तासां समिक्षितं

परिचयं देयः। (DO IT IN SEPARATE PROJECT FILE)

COMPUTER

DIGITAL DOCUMENTATION

1. Create and apply styles in the digital document

[1] Type a paragraph with at least 100 words and create below given styles as instructed:

1. Headings : Font name: Font name: Times New Roman, Size: 24 , Colour: Red. Give the style name: Dream Heading (Use create style from selection command to create style)
2. Paragraph: Apply Style Text Body from the Style Gallery
3. Quote: Font Name :Broadway, Size:16, Colour: Blue, Alignment: Centre. Give the style name: DreamQuote

2. Insert and use images in the digital document

[2] Prepare a document in OO writer and do the following:

- a) Create a new document in OO Writer and Type a paragraph.
- b) Insert a picture of your choice.
- c) Adjust the picture at top left to the paragraph.
- d) Insert some shapes and write additional text into the shapes.

3. Create and Use Template

[3] Create a document in OO writer and do as directed below:

1. Prepare a template for the leave application writing format.
2. Apply formatting as required.
3. Set this template as a default template.
4. Change the default template to custom template. Change the formatting as you wish.

4. Create and customize table of content.

[4] Prepare a document with different headings and apply a table of contents to it.

5. Implement the mail merge

[5] Write a letter and use the concept of mail merge with 5 addresses.

(Write all the questions above on Practical sheets(one question per page) and paste the output on the blank side of the sheet in front of the question.)

NOTE :

Revise all the chapters done in the class.

A.I

1. Write an article on "History of AI" using MS-Word.
2. Make an e-collage on applications of AI and paste it on the notebook
3. Make a ppt on Domains of AI and paste the screenshots of the slides on your notebook.

(TAKE THE PRINTOUT OF THE GIVEN ACTIVITIES AND PASTE IT ON YOUR NOTEBOOK)

ART/CRAFT

1. Draw a colour wheel on your drawing pad and also write the names of colour schemes.

Use only poster colours .

2. Draw a picture of madhubani painting on A4 size sheet and colour it with poster colours .

ART INTEGRATED PROJECT

3. Make one necklace with paper jewelry.

CHOOSE ANY PICTURE



STAY SAFE, STAY HEALTHY

Have wonderful vacations and time