

Army Public School, Jaipur
Holiday Homework Class: X
Subject: English

General Instructions.

Do all questions.

Do holiday homework in a separate thin notebook.

WRITING SKILL

Q1) LETTER WRITING

(Letter to Editor)

a) You are Advil of D- 6, Modern Society, New Enclave, Dehradun. You are concerned at the frequent cases of cloud- burst and landslides in uttarakhand during the rainy season. Write a letter to the editor of a national daily highlighting the plight of the helpless residents during such calamities. You suggest that a better whether forecasting measures can give the desired results in coping with such calamities. (100-120 words)

b) "Catch them young!" This the policy that USA and China follow to identify their superstars while they are still in schools. Write a letter to the editor of a national daily urging the Centre and the states to evolve a comprehensive national sports policy where their main thrust be on identifying the budding athletes and sports persons when they are still in schools. You are Abhinav of 12 L, Vaishali Nagar, Meera Marg, Sonpath.(100-120 words)

(Letter of Complaint)

a) Write a letter to M/ S Atma Ram & Sons, Kashmiri Gate, Indore, complaining that the books sent by him were not exactly those you had ordered for. Some of the book sent are of old editions and some of them are not in proper condition. Ask for replacement immediately. You are Darshana, Head Librarian, Happy Public School, Indore.(100-120 words)

b) You are Akshita of Maharaja Ranjit Public School, Jodhpur. You arranged a trip for 40 students to Shimla during the summer vacation for a week with Lakshmi travels and tour, Jodhpur. It was found that the arrangement made by the travel agency were far below the general standard. The accommodation and food facilities were inferior in quality. Write a letter of complaint to the Director of the agencies to stop duping tourists with false promises as it tarnishes the image of travel agencies.(100-120 words)

Q2) Analytical Paragraph

a) The data given below shows international brands of shoes and their respective shares in the high-end shoe market in India in the year 2020. Study the data carefully and write an analytical paragraph in 100-120 words giving the general trends and other necessary details. Don't forget to compare the segments where relevant.

Nike : 20%

Bata : 15%

Adidas: 15%

Woodland: 10%

Lee Cooper: 10%

Fila: 8%

Puma: 12%

Others: 10%

b) 'Beti Bachao, Beti Padhao' Meri an empty slogan. It is a great shame that in spite of all our talks India remains one of the most insecure places for girls and women. Write an analytical paragraph in 100 to 120 words taking help from the verbal input given below.

Hints:- Beti bachao and Beti padhao - a great slogan - proved hollow - wishful statements - little follow up actions - crime against girls and women in Haryana, Delhi, UP and other states - child marriage - dowry - female infanticide - negligible representation in legislature - women not safe.

GRAMMAR

Q3) Fill up the blanks by using the correct tense form of the verbs given in brackets.

(i) Kate Middleton may (a) _____(be) looked dainty and fairly- like wedding gown but(b)_____ (talk) doing the rounds(c)_____ (be) that the dress bore a striking similarity with Grace Kelly's wedding outfit. Royal wedding fans could not (d)_____ (help) noticing that the both the brides (e)_____ (wear) dramatic gowns with similar V- shaped necklines and long white lace sleeves at their, respective weddings, (f) _____(report) the New York Daily.

Q4) Read the following paragraph and fill in the blanks with appropriate determiners.

There are so (a) _____ ways of entertainment in life. (b) _____ circus is one of the most entertaining media. Last Sunday (c)_____ of (d)_____ friends went to see the Diamond Circus. My uncle took us there. (e) _____ one paid for (f) _____ ticket.

LITERATURE

Q5) Explain the following literary devices and cite suitable examples:-

- a) Simile
- b) Metaphor
- c) Personification
- d) Alliteration
- e) Repetition
- f) Oxymoron
- g) Refrain
- h) Hyperbole
- l) Allusion

j) Apostrophe

k) Irony

l) Paradox

m) Onomatopoeia

Q6) Draw Mind Maps on the following chapters/poems of the book ' First Flight'.

a) A Letter to God

b) Dust of Snow

c) Fire and Ice

d) Nelson Mandela:A Long Walk to Freedom

e) A Tiger in the Zoo.

Q7) Read the stories of Chapters from 1 to 5 from your supplementary reader ' Footprints Without Feet' and write down the summary of each text in your own language.

a) A Triumph of Surgery

b) The Thief's Story

c) The Midnight Visitor

d) A Question of Trust

e) Footprints Without Feet

Subject: HINDI



ग्रीष्मकालीन अवकाश गृहकार्य

वर्षा - 10 विषय - हिंदी

सत्र - 2022-23

नोट - सभी प्रश्न हल करना अनिवार्य है।

1. कबीर की साखियों में कौन-कौन से जीवन-मूल्य उभरते हैं-
2. मीरा की भक्ति भावना पर प्रकाश डालिए।
3. लड़ै भाईसाहब का चरित्र-चित्रण कीजिए।
4. निम्नलिखित विषयों पर 80 से 100 शब्दों में अनुच्छेद लिखिए।
 - (I) वर्तमान समाज में नारी का योगदान
 - (II) आरक्षण की समस्या
 - (III) गाँवों व शहरों की समस्याएँ
5. आपके विद्यालय का पुस्तकालय विभिन्न प्रकार की पुस्तकों से भरा हुआ है, परंतु हिंदी पत्र-पत्रिकों की अभाव है। हिंदी की पत्र-पत्रिकाओं व उच्च-कोटि का साहित्य मँगवाने के लिए विद्यालय के प्रधानाचार्य को पत्र लिखिए।
6. सहामक अध्यापक के पद के लिए शिक्षा निर्देशक के नाम आवेदन-पत्र लिखिए।

Subject: SOCIAL SCIENCE

INSTRUCTIONS:

- Do the writing work and map work in home work notebook.
- Writing should be neat and clean.
- Use black point pen for writing questions and blue point pen for writing answers.

Assignment: answer the following questions

q1. What were the main causes of resentment in Belgium in 1960? How was the conflict solved?

Q2. Do you think the steps taken by the Sri Lankan government to establish the supremacy of Sinhalese will be long lasting? Give your viewpoint.

Q3. Sharing of power makes the country more powerful and united. Justify the statement.

Q4. Describe with examples the way in which power can be shared among different social and linguistic groups.

Q5. States in India often ask for more autonomy or more power. Should they be given more power or not? Justify your answer.

Q6. What is meant by decentralisation? Explain any four provisions that have been made towards decentralisation in India after the constitutional amendment in 1992.

Q7. Should Panchayat be given judicial power to check the anti-social elements of its area? Give arguments to support your answer.

Q8. Do you consider decentralisation as a means of minimising conflicts? Give your viewpoints.

q9 explain the methods of forest conservation adopted by the government after independence.

Q10" large-scale development projects have also contributed significantly to the loss of forest" support the statement by giving examples.

Q11. What is biological diversity? Why is it important for human life?

Q12. What has been the contribution of the Indian Wildlife Act in protecting habitats in India. Explain.

Q13. Write the adverse effects of overexploitation of ground resources.

Q14 what were the different types of hydraulic structures constructed in ancient India?

Q15" construction of dams on rivers has caused environmental degradation " give reason to support your answer.

Q16.what are the social consequences of multipurpose projects?

Q17. What is soil? Analyze the four main factors which help in the formation of soil?

Q18. Explain any five proper farming techniques which can be used for soil conservation.

Q19. How is red soil formed? Mention its features.

Q20. Explain the land use pattern in India?

Q21. How has technical and economic development led to more consumption of resources?

Q22. Distinguish between Human Development and Economic Development?

Q23. What are the efforts and achievement made by the government of India after independence in the field of health?

Q24. Define per Capita income? What are the limitations of the per capita income criteria of development?

Q25. What are the importance of Human Development index?

Q26. "Money can't buy all the goods and services that one needs to live well." Explain.

- Do the map work in blank map and paste it in Hw notebook or student can draw map by own. Do the map work according to the given syllabus. NOTE: locating and labelling may also be given for identification.
- PROJECT WORK-Every student has to compulsorily undertaken any one project on the following topics
- CONSUMER RIGHTS OR SOCIAL ISSUES OR SUSTAINABLE DEVELOPMENT

LIST OF MAP ITEMS

A. Subject – History: Outline Political Map of India

Chapter-3: Nationalism in India - (1918 – 1930).

1. Indian National Congress Sessions:

a. Calcutta (Sep. 1920) b. Nagpur (Dec. 1920) c. Madras (1927)

2. Important Centers of Indian National Movement

(Non-cooperation and Civil Disobedience Movement)

a. Champaran (Bihar) - Movement of Indigo Planters

b. Kheda (Gujrat) - 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. Subject-Geography: Outline Political Map of India

Chapter 1: Resources and Development

a. Major soil Types.

Chapter 3: Water Resources

Dams:

a. Salal, Bhakra Nangal, Tehri, Rana Pratap Sagar, Sardar Sarovar, Hirakud, Nagarjuna Sagar, Tungabhadra.

Chapter 4: Agriculture

(a) Major areas of Rice and Wheat.

(b) Largest / Major producer states of Sugarcane; Tea; Coffee; Rubber; Cotton and Jute.

Chapter: 5 Mineral and Energy Resources.

Minerals (Identification only)

a. Iron Ore mines • Mayurbhanj • Durg • Bailadila • Bellary • Kudremukh

b. Coal Mines • Raniganj • Bokaro • Talcher • Neyveli

c. Oil Fields • Digboi • Naharkatia • Mumbai High • Bassien • Kalol • Ankaleshwar

Power Plants:(Locating and Labelling)

(a) Thermal :

Namrup, Talcher, Singrauli, Harduaganj, Korba, Uran, Ramagundam, Vijaywada, Tuticorin

(b) Nuclear:

Narora, Rawat Bhata, Kakrapara, Tarapur, Kaiga, Kalpakkam

Chapter 6: Manufacturing Industries: (Locating and Labelling)

Software Technology Parks:

Noida, Gandhinagar, Mumbai, Pune, Hyderabad, Bangaluru, Chennai, Thiruvananthapuram

Chapter 7 Lifelines of National Economy

Major Ports: :(Locating and Labelling)

Kandla, Mumbai, Marmagao, New Mangalore, Kochi, Tuticorin, Chennai, Vishakhapatnam, Paradip, Haldia

International Airports:

Amritsar (Raja Sansi), Delhi (Indira Gandhi International), Mumbai (Chhatrapati Shivaji), Chennai (Meenam Bakkam), Kolkata (Netaji Subhash Chandra Bose), Hyderabad (Rajiv Gandhi)

Subject: SCIENCE

Note: Do this Holiday homework in homework note book

1. Write the chemical formula of the following compounds.

(i) Lime (ii) Nitric Acid (iii) Plaster of Paris (iv) Sodium acetate (v) Baking soda (vi) Washing soda (vii) Bleaching powder (viii) King of chemical (ix) Lime stone (x) Common Salt

2. Write the formula of acid and base used to form the given salts.

(i) Potassium Sulphate (ii) Zinc Chloride (iii) Ammonium Chloride

Barium Sulphate.

3. Draw a well labelled diagram of

a) Human heart b) Nephron c) Human Digestive system d) Human Respiratory

system e) Open and closed stomata

4. Differentiate between:

a) Parasitic and saprophytic nutrition

b) Breathing and respiration

c) electrolysis and photolysis

d) Absorption and assimilation

5. Write an article on any topic from chapter 'Management of natural resources'.

6. Mention 3 pathways of glucose breakdown.

7. Define the following

(1) Corrosion

(2) Rancidity

(3) Nutrition

(4) Respiration

(5) Autotrophic nutrition

(6) Exothermic reaction

(7) Peristalsis

(8) Double displacement reaction

(9) Holozoic nutrition (10) Decomposition reaction

Subject: (MATHS)

1. Given that $\sqrt{2}$ is irrational then prove that $\frac{2-\sqrt{2}}{2+\sqrt{2}}$ is also an irrational number.
2. If p is prime number then prove that \sqrt{p} is irrational.
3. Find the largest possible integer that will divide 398,436 and 542 leaving remainders 7, 11 and 15 respectively.
4. During a sale colour pencils were being sold in a pack of 24 each and crayons in packs of 32 each. If you want full packs of both and same number of pencils and crayons, how many of each would you need to buy.
5. Find the zeroes of the following quadratic polynomials and verify the relationship between the zeroes and the coefficient.
(i) $4\sqrt{3}x^2 + 5x - 2\sqrt{3}$ (ii) $abx^2 + (b^2 - ac)x - bc$
6. Find a quadratic polynomial whose zeroes are $3 + \sqrt{2}$ and $3 - \sqrt{2}$
7. Solve the following pair of Linear equations graphically :
 $3x + y - 12 = 0$; $x - 3y + 6 = 0$, Shade the region bounded by these lines and x axis,. Also find the ratio of the areas of the triangles formed by given lines with x-axis and y-axis.
8. There are some students in the two examination halls A and B. To make the number of students equal in each hall, 10 students are sent from A to B. But if 20 students are sent from B to A, the number of students in A becomes double the number of students in B. Find the number of students in the two halls.
9. If the following lines represented by the pair of linear equations $2x + 5y = 3$,
 $2(k + 2)y + (k + 1)x = 2k$ are coincident lines then find the value of k .
10. A railway half- ticket costs half the full fare but the reservation charges are the same on a half ticket as on a full ticket. One reserved first class full ticket from station A to B costs Rs. 2125. Also , one reserved first class full ticket and one half first class ticket from station A to B cost Rs. 3200. Find the full fare from station A to B and also reservation charges for a ticket.
11. Solve all examples of NCERT book of class 10th Maths chapter 1 to 3 .

Subject: AI/IT
Unit Name - ICT Skills (2)

A. Answer the following

- Q1. Define the term ICT?
- Q2. What is mobile Operating System? Give 2 examples?
- Q3. What is difference between a file and a folder?
- Q4. What is Utility Software?
- Q5. Define Real time operating system?
- Q6. List different ways to protect data in your computer?
- Q7. Give the steps to delete Temporary Files from your computer?

B. Long answer type Questions

- Q1. Explain any three options present in the notification area of a task bar?
- Q2. How we can easily add or remove programs in Task Bar?.
- Q3. Explain the options available in the start menu?.
- Q4. Explain the different parts of the CPU.
- Q5. Explain three different types of software's with example?

Unit No. - 5
Unit Name - Green Skills (2)

A. Short answer type questions

- Q1. List all 17 sustainable development goals.
- Q2. List any 2 challenges to fulfil Sustainable Development Goals?
- Q3. Define Sustainable Development and three importance of sustainable development.
- Q4. What is the aim of member countries of United Nations in implementing sustainable goals.
- Q5. What does sustainable development teach us about using resources
- Q6. What is Global Warming?

B. Long answer type questions.

- Q1. What are initiatives of India in sustainable development?.
- Q2. What are problems relate to sustainable development?

Q3. What are problems faced by developing countries with regard to sustainable development.

Q4. How has unrestrained development in last two decades affected the environment?

Q5. Name any three sustainable goals which are relevant to our country? What should the country do in order to implement these?.