

HOLIDAY HOMEWORK (MAY/JUNE-2024)

CLASS - IX

Subject	TOPIC NAME	DETAILS	Roll No.
ENGLISH	Activity 1	Prepare a flow chart on Reported Speech using all rules on A3 size sheet.	1 to 15
	Activity 2	Imagine the school in the chapter - "The Fun They Had". Compare and contrast with your own school on A4 size sheet.	16 to 30
	Activity 3	Plan a surprise party on -'Father's Day' for your father, you can even click photographs and paste them. Now write a diary writing in not more than 120 words describing the fun you had during the party on A4 size sheet	31 to Last
	Learning work	Revise all the syllabus completed in the month of April and May.	
HINDI	परियोजना- कार्य	एवरेस्ट: मेरी शिखर यात्रा पाठ के आधार पर बछेंद्री पाल के जीवन एवं उपलब्धियों का सचित्र वर्णन करते हुए एक परियोजना तैयार कीजिए।	All Roll Numbers
		समस्त कक्षा कार्य दोहराएं।	
MATHEMATICS	Model on Number system	Make a model to represent $\sqrt{3}$ on the number line by using sticks/ thread on a A3 SHEET.	All Roll Numbers
	Chart on Polynomial	Make identity chart on polynomial and decorate it .	Roll no. 1 to 20
		Prepare a project on real number by showing its division in	Roll no.21 to last
		rational and irrational.	
SCIENCE	Biology charts/model	Prepare a well labelled A-3. Charts for animal cell	Roll No. 01 to 20
		Prepare a well labelled A-3. Charts for mitochondria, nucleus, plant cell	Roll No. 21 to last
	Activities from bio lab manual	Activity -1: Prepare a temporary mount on onion peel	All Roll Numbers
		Activity-2: Study of permanent slides of parenchyma, chollenchyma, sclerenchyma.	All Roll Numbers
	Physics	Do practice of numerical of chapter 8 (motion)	All Roll Numbers
		Make a 3-D chart of graphical representation of motion of a body.	Roll No. 01 to 15
		Make a 3-D chart of formulas of chapter 8 (motion)	Roll No. 16 to 30
Chemistry	Make a chart on states of matter of chapter-1	Roll No. 31 to 41	

		Make a chart of periodic table	Roll No. 41 to last
SOCIAL	Inter Disciplinary Project	Prepare a project on Role of Women in French Revolution	Roll no 1 to 10
		Prepare a project on disaster management	Roll no 11 to 20
		Prepare a project on importance of Natural Vegetation and Wildlife in India	Roll no 21 to 30
		Prepare a project on Forest Society and Colonialism.	Roll no 31 to 49
I.T.	PROJECT	Make a PowerPoint Slide on ICT Technology	All Roll Numbers
		(Slides must include with these Topics)	
		1. Self-Introduction	
		2. Index	
		3. characteristics of ICT	
		4. History of ICT Tools	
		5. Generation of Computer	
		6. Input, Output devices of computer	
		7. How ICT helps in our Education	
		8. Benefits of ICT in our life	
	9. Future of ICT		
	10. Career in ICT field		

CLASS - X

Subject	TOPIC NAME	DETAILS	Roll No.
ENGLISH	Project	Take any episode of any short story/drama based on Andaman and Nicobar Island's and Lakshadweep Island's culture. Create a dialogue writing or conversation of that episode. Also add pictures to make it more live and attractive.	All Roll Numbers
HINDI	परियोजना -कार्य	पाठ्यक्रम में निहित अंडमान निकोबार की लोक-कथा ततारा-वामीरो कथा को पात्रों के अनुरूप चित्रित करते हुए उसे नाट्य- शैली में लिखिए। नाटक के पात्रों के संवाद कथा के अनुसार लिखिए।	All Roll Numbers
			All Roll Numbers
MATHEMATICS	Project on linear equations	Prepare a project on linear equation in two variables showing the different conditions to find the solution of a given system graphically. Material required for the project in a chart paper, colour graph papers etc.	All Roll Numbers
	Prepare a project by Statistics	Collecting the data of daily eatables of your locality such as chapatis, Burgers, momos, fruits, chocolates etc. Draw a frequency table with continuous class intervals as 0-5,5- 10. hence find the mean, mode and median of the collected data.	All Roll Numbers
SCIENCE/ EVS	Chemistry (project)	AIM: To make project on Food Adultrants.	Roll No. 01,03,05,07,09
	Chemistry chart	1.Make a chart of 'Periodic table'.	Roll No. 02,04
		2.Make a chart on 'Structure of Atom'.	Roll No. 06,08,10
	Biology (project)	AIM :To prepare well decorated project on flora and fauna of Andaman Nicobar.	All Roll No.
	Practical	1.To prepare a temporary mount of stomata peel.	All Roll No.
		2.Prove that carbon dioxide released during germination of seed.	All Roll No.
	Physics (project)	1. Make a project on spherical mirrors or spherical lenses.	All Roll numbers
SOCIAL	Inter disciplinary project	1. Make a project on the topic Globalization and the Indian economy with the help of following hints:	All Roll Numbers
		1. Production across the countries. 2. Struggle for a fair globalisation. 3.World trade organisations	Roll no. 1 to 10
		Make a project on Social Issues in India	Roll no 11 to 20
		Make a project on consumer rights	Roll no 21 to 30
		Make a project on Sustainable development	Roll no 31 to 38

I.T.	PROJECT	Make a PowerPoint Slide on ICT Technology	All Roll No.
		(Slides must include with these Topics)	
		1. Self-Introduction	
		2. Index	
		3. characteristics of ICT	
		4. History of ICT Tools	
		5. Generation of Computer	
		6. Input, Output devices of computer	
		7. How ICT helps in our Education	
		8. Benefits of ICT in our life	
		9. Future of ICT	
		10. Career in ICT field	

CLASS - XII

Subject	TOPIC NAME	DETAILS	Roll No.
ENGLISH	Activity	Create a letterhead of your own and write a notice on the same	All Roll Numbers
		Requesting about power & energy saving during working hours	All Roll Numbers
		Suggest some measures also.	All Roll Numbers
		Get a postcard/envelope/inl, post it on self-address and paste this letter as first day cover in your notebook.	All Roll Numbers
	Written	Complete the extract-based questions of all the chapters done till may	All Roll Numbers
CHEMISTRY	PROJECT	To extract essential oil present in Ajwain(carum), illaichii(cardamom), and saunf(Fennel seeds)	Roll No.- 01, 04, 09, 12, 15
		To analyse presence of oxalate ions in Guava Fruit and Different Stages of Ripening.	Roll No.- 02, 05, 11, 14, 16
		To analyse the quantity of presence of casein in different samples of milk.	Roll No. 03, 06, 08, 10, 13,
		To analyse the amount of fertiliser which should be used to yield maximum produce that is economically viable for the producer.	Roll No. 07, 17, 19, 21, 22
		To determine the amount of caffeine in different samples of tea.	Roll No.18, 20, 23, 26, 31
		To study the effect of dye on various kinds of fabric.	Roll No.- 24, 27, 29, 37, 35
		Evaluation and study of the qualitative of obtaining drinking water from different sources.	Roll No. 25, 28, 32, 34
		To determine the quantity of bleaching powder required for the sterilization or purification of different samples of water.	Roll No.- 30, 36, 33
	Written	Do NCERT questions /answers of chp.02(electrochemistry) in your chemistry notebook.	All Roll Numbers
	Learning	Practice chp01, chp01 numerical in chemistry notebook for class test on july,2024.	All Roll Numbers

MATHS	PROJECT	Prepare a project on CONTINUITY and DIFFERENTIABILITY by using the introduction (basic concept), formulae used for different functions such as Second order derivatives etc, with Examples. Also write the Applications (uses) in Day-to-Day Life	
	Assignment	Complete the assignment in your Note-Book for ch-2, ch-3, ch-4 & ch-5 posted in your class group.	
BIOLOGY	Investigatory Project	Biotechnology Application RNA Interference	Roll no 1,2,3
		AIDS	4,5,6
		cancer	7,8,9
		Convergent evolution	10,11,12
		Haemophilia	13,14,15
		colour-blindness	16,17,18
		Ecological interactions	20,21,23
	Practical	To Study the pollen germination on slides.	
		Study of permanent slides of Blastula, Spermatogenesis, Ovary,	
		Study of various agencies for pollination	
I.P.		Make a practical file (any 15 questions of Pandas)	All Roll No.
ACCOUNTANCY	Project-01	Segment Analysis of any Public Company	All Roll Numbers
	Project-02	Ratio Analysis of any Public Company	All Roll Numbers
BUSINESS		Prepare the project work on the topic allotted-	
		Project A : MARKETING MANAGEMENT	
		Project B :BUSINESS ENVIRONMENT	
		Project C :- STOCK EXCHANGE	
		Project D :- PRINCIPLES OF MANAGEMENT	
ECONOMICS	Project work	Prepare the project work on the following topic allotted according to the roll no.	
		Project A: Self-help group	Roll no 1 to 6
		Project B : Make in India - The way ahead	Roll no 7 to 12
		Project C: Alternate fuel - types and importance	Roll no 13 to 17
		Project D : Organic Farming - back to the nature	XII C students
		Project should be 25 to 30 sheets	
		Use graphs and other statistical tools as well.	
	Learning work	Revise all chapters done in class for class test in july 2024	

POLITICAL SCIENCE		Do activity in your note book-write 5 Daily news or paste newspaper cutting on your note book	
		Project work (practical file) 20 page	
		1. Alternative Centre of power : Organizations: European Union, ASEAN, SAARC, BRICS. Nations: Russia, China, Israel, India, Japan and South Korea.	Roll No. 01 to 05
		2. United Nations and its Organizations: Principal Organs, Key Agencies: UNESCO, UNICEF, WHO, ILO, Security Council and the Need for its Expansion.	Roll No. 06 to 10
		3. Environment and Natural Resources: Environmental Movements, Global Warming and Climate Change, Conservation of Natural Resources.	Roll No. 11 to 15
		4. Globalization: Meaning, Manifestation and Debates.	Roll No. 16 to 20
		5. Challenges of Nation-Building: Nation and Nation Building. Sardar Vallabh Bhai Patel and Integration of States. Nehru's approach to nation-building; Legacy of partition: challenge of 'refugee' Resettlement, the Kashmir problem. Political conflicts over language. Linguistic Organisation of States.	Roll no .21-25
		6. Indian Politics: Recent Trends and Development Era of Coalitions, National Front, United Front, United Progressive Alliance (UPA) – I & II, National Democratic Alliance (NDA) I, II, III & IV, Issues of Development and Governance.	Roll no 26-30
HISTORY	Inter disciplinary Project	Prepare a project on the given topics	
		1.The Indus Valley Civilization	Roll no 1 to 5
		2. The History and legacy of Mauryan Empire	Roll no 6 to 10
		3.Critical Edition of Mahabharat -the great epic of India	Roll no 11 to15
		4.Idea and practices of Bhakti and Sufi	Roll no 16 to 20
		5.The revolt of 1857	Roll no 21 to 24
		6.The architectural culture of the Vijayanagar Empire.	Roll no 25 to 29

GEOGRAPHY

I. Use India and world's political map for the following work

-Use separate map for each question

1. Areas of subsistence gathering
2. Major areas of nomadic herding of the world
3. Major areas of commercial livestock rearing
4. Major areas of extensive commercial grain farming
5. Major areas of mixed farming
6. Ruhr region, Silicon Valley, Appalachian region, Great lakes region
7. Terminal stations of Trans-Siberian Railway, Trans Canadian Railway, Trans –

Australian Railway

8. Major Sea Ports: North Cape, London, Hamburg, Vancouver, San Francisco, New Orleans, Rio-De-Janeiro, Colon, Valparaiso, Suez, Cape town, Yokohama, Sanghai, Hong Kong, Aden, Karachi, Kolkata, Perth, Sydney, Melbourne, Suez Canal, Panama Canal, Rhine Waterway, St. Lawrence Seaway
9. Major Airports: Tokyo, Beijing, Mumbai, Jeddah, Johannesburg, Nairobi, Moscow, Paris, Berlin, Rome, Chicago, New Orleans, Mexico City, Buenos Aires, Santiago, Darwin, Wellington, Sao Paulo

II. Map work(India) :

1. State with highest level of urbanisation and lowest level of urbanisation.
2. One state with highest level of HDI& One lowest level of HDI.
3. State with higher level of population density& one state with lowest level of population Density (2011).
4. City with more than 10 million population – Greater Mumbai, Delhi, Kolkata, Chennai,

III. Frame every possible one-mark question along with answer from each chapter as assigned:

		Ch-1,ch-2,ch-3ch-4,ch-5 (Book: India people and economy)	
हिंदी	परियोजना कार्य	1. हरिद्वार में स्थित गंगा नदी के जल को प्रदूषण रहित करने हेतु चलाए गए सरकारी अभियान की सूचना से संबंधित समाचार पत्रों की कतरनों के साथ वर्णन करते हुए परियोजना बनाइए।	
Physical education	Practical file	1. Prepare a physical education practical file.	All Roll Numbers
		2. This will be your board's practical file so make it creatively and presentable.	
		3. The Topic which you have to write is	
		a. Khelo India Fitness test school version in detail	
		b. Yogic practice (15 Asanas / 3 for each life style disease)	
		c. Proficiency in Games and Sports (Skill of any one IOA recognized Sport/ Basketball, Cricket, Swimming, Volleyball)	