

ARMY PUBLIC SCHOOL UDHAMPUR
HOLIDAYS HOMEWORK - JUNE 11, 2024 TO JULY 15, 2024
CLASS XI (2024 - 25)

S.NO.	SUBJECT	TOPICS/CHAPTERS	SUBJECT TEACHER
1.	English	<p>1. Attempt all the comprehension passages given in your APPLIED ENGLISH GRAMMAR AND COMPOSITION (AWES EDITION) from Page No. 93 to 107).</p> <p>2. Revise 'The Portrait of a lady' and 'A Photograph (poem) from the book HORNBILL .</p> <p>3. Revise 'The Summer of the Beautiful white horse' from the book SNAPSHOTS.</p>	Mr. Sunil George Mrs. Anamika Bhau
2.	History	<p>◆All Questions for ch 2 to be done in the history notebook</p> <p>Very Short Answer Type Questions</p> <p>Q1: Explain the concept of the 'Principate' in the Roman Empire.</p> <p>Q2: What challenges did the Roman Empire face in the third century?</p> <p>Q3: How did Roman women's marital rights differ in the late Republic?</p> <p>Q4: Where was casual literacy more widespread in the Roman Empire?</p> <p>Q5: What were 'Amphorae,' and how were they used in the Roman Empire?</p> <p>Q6: Why did the Senate fear the Roman army?</p> <p>Q7: What were the key social groups in the early Roman Empire?</p> <p>Q8: What was the significance of the solidus introduced by Constantine in Late Antiquity?</p> <p>Short Answer Type Questions</p> <p>Q1: Describe the economic infrastructure of the Roman Empire, including specific examples of industries and regions.</p> <p>Q2: Explain the management of labor in the Roman Empire, particularly regarding slavery.</p> <p>Q3: Discuss the social hierarchies in the early Roman Empire and how they evolved by the late empire.</p> <p>Q4: How did Constantine contribute to Late Antiquity, especially in terms of currency and investments?</p>	Ms. Sapna Sharma

		<p>Q5: Elaborate on the cultural diversity in the Roman Empire and how it was reflected in various aspects of life.</p> <p>Long Answer Type Questions</p> <p>Q1: In the context of the Roman Empire, discuss the significance of the third-century crisis. How did external factors like the Sasanians and Germanic tribes contribute to this crisis?</p> <p>Q2: Analyze the role of gender, literacy, and culture in the Roman Empire. How did these factors shape society and contribute to diversity within the empire?</p> <p>◆Prepare the syllabus for cycle test 01</p> <p>◆Revise all the chapters covered till now</p>	
3.	Political Science	<ol style="list-style-type: none"> 1. What is the constitution? 2. Why do we need a constitution? 3. How does a constitution allow for minimal coordination amongst members of a society? 4. Explain the statement, "Specification of decision making powers is done by the constitution." 5. Explain the most common way of limiting the powers of the government by the constitution. 6. Which constitutional measures enable the Indian government to fulfil the aspirations of society? 7. How does a constitution express the fundamental identity of people? 8. Which body created the Indian constitution? How much time was taken to create it? 9. With the help of a system of checks and balances, explain that Indian institutional design is a balanced one. 10. Explain the statement, "The Indian constitution is neither rigid nor flexible." 11. Write any three provisions of the Indian constitution which have been borrowed from constitutions of different countries. 12. Explain the composition of the Constituent Assembly of India. 13. Why is the authority of the constitution considered higher than that of the Parliament? 14. Support the following conclusions with the help of examples: <ol style="list-style-type: none"> a) The Indian constitution was made by credible leaders who commanded people's respect. b) The Indian constitution has succeeded in giving us a framework of democratic government. 	Mr. Muneesh Chopra

4.	Geography	<p>👉 Prepare the map notebook showing the following:</p> <ol style="list-style-type: none"> 1. States and capitals of India 2. Union territories and neighbouring countries of India 3. Tropic of cancer passing through 8 states 4. IST 5. Continents and Oceans in the world. 6. Ring of fire. 7. Ocean currents (Indian ocean, Pacific Ocean and Atlantic Ocean) 8. Place receiving highest rainfall. 9. Hotspots (Biodiversity) 10. Mountain ranges and mountain peaks in India. 11. Sea Ports in India. <p>👉 Prepare the syllabus for cycle test 1</p> <p>👉 Practice competency based questions and source based questions of the chapters discussed in the classroom.</p> <p>👉 Prepare a project file on “ Biodiversity and its conservation” And “Natural Disasters and Hazards.</p>	Mrs. Kanupriya
5.	Fine Art	<p>Practical</p> <ol style="list-style-type: none"> (1) Use basic shapes & make 5 drawings of objects. Shade with pencil or colours (2) Make 5 paintings on tropics landscape, roads & vehicles, Picnic trip, trees & mountain. 	Mr. Rohit Sharma
6.	Physical Education	<p>Practical work:</p> <ol style="list-style-type: none"> 1. Meaning and importance of Yoga 2. Introduction to Astanga Yoga 3. Explain two Yogic Kriyawis (Shat Karma) 4. Explain procedure of three Pranayama. <p>All the above topics will be done on practical file.</p> <p>Prepare the syllabus for cycle test-1 (Unit-1)</p>	Mr. Manjeet Singh Ms. Deepmala Kotwal
7.	Information Tech	Revise the java programms done in computer lab	Mr. Ramesh Upadhyay
8.	Maths	<p>Worksheets of Chapter 1(Sets), Chapter 2(Relation and Functions), Chapter 4(Complex numbers) , Chapter 5(Linear Inequalities) .</p> <p>Revise all concepts and practice NCERT questions related to these Chapters.</p> <p>Complete Notebook of Mathematics.</p>	Mrs. Sakshi Ms. Poonam Kumari
9.	Sociology	<ol style="list-style-type: none"> 1. How does Sociological Imagination defines the connection between the Q13. In what ways did the Industrial Revolution lead to the birth of Sociology in Europe? 2. Q14. Discuss the Revolutionary changes in the 19th century Europe that led to the 	Mrs. Isha Suresh

		<p>emergence of</p> <ol style="list-style-type: none"> 3. Sociology? and public issues.?(2) 4. In what ways did the Industrial Revolution lead to the birth of Sociology in Europe? <p>3.. Discuss the Revolutionary changes in the 19th century Europe that led to the emergence of Sociology?</p> <ol style="list-style-type: none"> 4. What do understand by the concept od "Degradation of labour"?(4) 5. Why did Karl Marx called factory as oppressive system?(4) 6. Discuss the relationship between ; <ol style="list-style-type: none"> a.Sociology and Economics b. Sociology and Pol sc. c. Sociology and Psychology 	
10.	Economics	<ol style="list-style-type: none"> 1. Distinguish between quantitative and qualitative data. 3. Explain the importance of Statistics in Economics. 4. 'Economics is a study of economic activities' Explain. 5. What are the limitations of Statistics? 6. Explain the meaning of 'census' with a suitable example. 7. Mention three merits of census method. 8. What is sampling and what are its types. 9. Distinguish between 'primary data' and 'secondary data'. List at least three sources of secondary data. 10. Enumerate the various method of collecting primary data. Discuss the merits and demerits of any one of them. 11. What are the advantages of sampling method of collection of data over the census method? 12. Jaya and Ritu were discussing to collect data. Jaya said that census method is the best to collect data, but Ritu said that it is costly so sample is better. Jaya further mentioned that it can be biased. Discuss the above statement. Also answer who is correct and who is wrong? 13. Define the following terms:- Variable ,Attributes, Classifications, Tabulation, Statistical Series, Frequency, Class Frequency, Total Frequency, Class, Upper & lower Limits, Class interval , Midpoint. 14. Prepare frequency distributions taking class interval of 10 from the following data by a) inclusive and b)exclusive method 5,16,17,17,20,21,22,22,22,25,25,26,26,30,31,31,34,35,42,48 15. Prepare a frequency distribution from the following data. 16. Define Variable and it's types. 17. Prepare a frequency distribution from the following data. 	Mr. Parvaiz Malik

		<p>Mid -values 5 15 25 35 45 55 frequency. 3 9 16 11 7 4</p> <p>Q18. Thirty students in an examination obtained marks as under. Prepare a discrete frequency distribution. (Use tally bars also) 15 16 20 16 15 18 19 13 14 19 13 17 18 16 17 19 18 15 14 13 16 18 13 14 15 14 15 13 17 14</p> <p>Q19. Construct a frequency table of inclusive series with a class interval of 4. 20 25 24 23 48 35 37 38 24 21 23 33 43 46 32 31 29 37 25 22 38 37 36 32 21 22 45 29 26 31</p> <p>Q20. Convert the following simple frequency distribution into cumulative frequency distribution by using 'less than 'as well as 'more than' method. Marks. 0-10 10-20 20-30 30-40 40-50 50-60 No. of stds 11 15 20 25 15 10</p> <p>21. Present the following information in a suitable tabular form. i. In 2000, out of total 3800 workers in factory, 2550 members of a trade union. The number of women workers employed was 700 out of which 500 did not belong to any trade union. ii. In 2010, the number of union workers was 2850 of which 2500 were men. The number of non union workers was 1350, among which 550 were women.</p> <p>22. Why is tabular presentation better than textual presentation? Note: 1.Revised all the topics which we have covered till now. 2. Complete your notebooks</p>	
11.	Biology	<p style="text-align: center;"><u>WORKSHEET- CH-I</u></p> <p>Q1 Define and understand the following terms 1. a)Phylum b) Class c) Family d) Order e) Genus</p> <p>Q2 What is the binomial system of nomenclature? Who proposed this system? Why is binomial Nomenclature the most acceptable mode of naming organisms?</p> <p>Q3 Define the following:</p> <ol style="list-style-type: none"> 1. Phylum 2. Class 3. Order 4. Genus 	Mr. Raman Singh

Q4 Brinjal and potato belong to the same genus but different species. What separates the two species?

Q5 Write the full form for the following code – ICVN, ICBN, ICZN, ICNB.

How will a scientist go about the identification, nomenclature and classification of a plant which he feels is a new species?

WORKSHEET-CH -II

Q1 What is diatomaceous earth? Why are diatoms referred to as ‘pearls of the ocean’

Q2 Cyanobacteria and heterotrophic bacteria are very different from each other but fall under eubacteria of kingdom Monera. Is this type of grouping justified?

Q3 Give an account of the asexual reproduction by spores in algae.

Q4 The common name of pea is simpler than its botanical (scientific) name *Pisum sativum*. Why then is the simpler common name not used instead of the complex scientific/botanical name in biology?

WORKSHEET-CH-III

Q1 Differentiate between the male and female gametophytes of pteridophytes and gymnosperms.

Q2 The heterosporous pteridophytes exhibit certain characteristics which are precursors to the seed habits in gymnosperms. Explain.

Q3 Describe the main features of pteridophytes?

Q4 Describe the similarities in sexual reproduction of moss & fern.

Q5 Explain the following terms briefly with suitable examples –

1. A Protonema d. Archegonium
2. B Antheridium e. Diplontic
3. C Sporophyll f. Isogam

		<p>Q6 Each group of plants has some phylogenetic significance that concerns evolution: Cycas, one of the few living members under gymnosperms, is also called a 'relic of the past. Can you generate a phylogenetic relationship of Cycas with any other group of plants that justifies the above statement?</p>	
12.	Chemistry	<ol style="list-style-type: none"> 1. Complete worksheets of ch 1 and 2 in the assignment notebook. 2. Practise NCERT questions of these two chapters. 	<p>Mrs. Sukhjeet Kaur Mrs. Vandana Kakkar</p>
13.	Accountancy	<p>Topic :- 1. Accounting Equations (Numericals Shared in group)) 2. Share Market (Analytical)</p>	<p>Mr. Rakesh Sharma</p>
14.	Business Studies	<ol style="list-style-type: none"> 1. Prepare complete and detailed notes of: Unit-1:Evolution and Fundamentals of Business Unit 2: Forms of Business organizations 	<p>Mr. Naresh K Dogra</p>
15.	Physics	<p>Worksheet of Chapter 1(Units and measurement) , Chapter 2(Motion in a straight line) . Revise and learn all the formulae of Differentiation. Revise all formulae, derivation, graphs , concepts and practice NCERT questions related to these Chapters.</p>	<p>Mr. Naval Gupta Mrs. Megha Raina</p>
16.	Marketing	<p>Prepare a project file on the basis of Development of business idea / new Product along with all the elements Marketing Mix</p>	<p>Mr. Rakesh Sharma</p>

Muneesh Chopra
Supervisor, XI