

**D.A.V. CENTENARY PUBLIC SCHOOL, CHANDER NAGAR, GHAZIABAD**  
**HOLIDAY HOME WORK 2025-26**  
**CLASS XI**

SUBJECT	DETAILS
<b>ACCOUNTANCY</b>	CHAPTER 6 – ACCOUNTING EQUATION Q.1. TO Q.30 CHAPTER 9 – JOURNAL Q.1. TO Q.13
<b>BUSINESS STUDIES</b>	Students need to answer all the questions in their fair register printed in NCERT at the end of the following chapters Lesson number 1 all questions Lesson number 2 question number 1, 2, 4 and 5 from short questions 1, 2, 4, 5 and 6 from long Answers questions Question number 1, 2 and 3 from application based questions
<b>MARKETING</b>	VISIT DIFFERENT MARKETING ORGANISATIONS LIKE 1. RELIANCE STORES 2. LOCAL RETAILER IN A MARKET YOUR PLACE MAKE A REPORT TO FIND THE MARKETING ACTIVITIES IN EACH OF THEM RESPECTIVELY AND FIND THE DIFFERENCES IN THE ACTIVITIES IN THE PRGANISATIONS VISITED
<b>ECONOMICS</b>	STATISTICS – SANDEEP GARG Chapter number-1,2,3,4 Name of the chapter -Economics an introduction, Meaning, scope, and importance of statistics, Collection of data, Organisation of data Type of questions- Long answer type questions(LAQ) Short answer, type questions(SAQ) Page no and question number- Pg no.-1.14(SAQ) Question no- Q1, 4, 5,8 Pg no-2.17 (SAQ) Question no.-Q1, Q2, Q4, Q6, Q8, Q10 Pg no- 3.37(solved questions) Question no- Q8 Pg no. - 3.38(solve questions) Question no-10,11,12,13 Pg no.-3.46(LAQ) Question no.-1,3,5,6,11 Pg no.-4.50(LAQ) Question no.-1,3,4,5,6,7,10
<b>ENGLISH</b>	<b>The Portrait of a lady</b> a) Grandmother appeared like the 'Winter Landscape in the mountains ' Discuss b)The author shared a very close relationship with his grandmother. Elucidate c)Describe the author's grandmother's life in the village in contrast with the kind of life she led in the city, highlighting her values d) Animals recognise and value a relationship established with human beings. Explain this keeping in mind the relationship established by Khushwant Singh's grandmother with animals. e) A life of dedication and integrity can be lived even without college or university level education ,as the grandmother demonstrates. Elaborate <b>'We're not afraid to die....</b> a) Highlight the tremendous courage and forbearance shown by the two children during the struggle to keep the boat from sinking. What values do you learn from them? b) 'We are not afraid to die ' is a saga of patience and bravery. Comment. c)The hurdles of life can be challenged if we have confidence to make optimum use of our potential. Elaborate. <b>Discovering Tut--the saga continues</b> a) Archaeology has changed substantially in the intervening decades since Howard Carter discovered king Tut's mummy. Give reasons in support.

	<p>b) Do you feel the lesson is able to mirror the element of mystery that is associated with the Egyptian pyramids and the mummies inside them? Give reasons.</p> <p>c) Are scientific procedures necessary to unearth buried mysteries successfully? Express your opinion with reference to the chapter.</p> <p>d) 'Discovering Tut' is an account of the archaeologists's attempts to unveil the mystery that surrounded the death of King Tut. Being aware of the past is an important quality of any culture or nation. Write a short article on the need to be aware of one's heritage.</p> <p><b>A Photograph</b></p> <p>a) What are the three stages described by Shirley Toulson in the poem</p> <p>b) Things that are hard to bear are sweet to remember. In the light of this statement express your feelings about the pain one goes through after losing a dear one</p>
<b>MATHEMATICS</b>	<p>CHAPTER 8 – SEQUENCES AND SERIES (GP)</p> <p>CHAPTER 1 – SETS</p> <p>CHAPTER 2 – RELATIONS AND FUNCTIONS</p> <p>SOLVE ALL THE EXERCISES OF THE ABOVE CHAPTERS FROM NCERT (MAKE SEPARATE REGISTERS)</p>
<b>INFORMATICS PRACTICES</b>	<p>Q1. Write short notes on the following topic (in 5 to 6 lines)</p> <p>i) Keyboard                      ii) Mouse      iii) RAM      iv) ROM</p> <p>Q2. What is a system software? What is the main role of system software in a computer system. Name any two operating system.</p> <p>Q3. Differentiate between compiler and interpreter in brief</p> <p>Q4. What is a utility software? How they are different from an application software? Name any two 'utility software' that you are using on daily basis.</p> <p>Q5. What do you mean by a keyword in Python? can you use a keyword as a variable or identifier? Name the keywords that start with a capital alphabet</p> <p>Q5. What do you mean by an identifier? Write all the rules of naming an identifier?</p> <p>Q7. What is a comment in a Python? Explain single line comment and multi-line comment with suitable example</p> <p>Q8. Differentiate between inline- comment and full-line comment with some suitable examples.</p> <p>Q9. How many types of error can occur in python programming. Explain each one of them using some suitable example.</p> <p>Q10. Differentiate between interactive mode and script mode of coding.</p> <p>Q11. What do you mean by a reserve word. How they are different with keywords.</p>
<b>COMPUTER SCIENCE</b>	<p>Q1. Write short notes on the following topic (in 5 to 6 lines)</p> <p>ii) Keyboard                      ii) Mouse      iii) HDD</p> <p>Q2. Differentiate between RAM and ROM in details.</p> <p>Q3. What is a System software? How a system software is different with Application software? Give at-least 2</p>

	<p>example of each.</p> <p>Q3. What is a General purpose application software? How it is different from a tailor made software? Explain in brief.</p> <p>Q4. What is an operating System? What is the main role of system software in a computer system. Explain each one of them in brief.</p> <p>Q5. Differentiate between assembler, compiler and interpreter in brief.</p> <p>Q6. What is a utility software? How they are different from an application software? Name any two 'utility software' that you are using on daily basis.</p> <p>Q7. Differentiate between Single User operating system and Multi-User operating system with some suitable example.</p> <p>Q8. Explain Job-scheduling in reference of Operating System.</p>
<b>PHYSICS</b>	<p>1. Prepare a collage on a thick chart paper individually from the topics given as below:            Roll no.1 to 5: Newton's laws of motion            Roll no. 6 to 10 : Bernoulli's principle            Roll no. 11 to 15: Pascal's law            Roll no.16 to 20: Thermodynamics            Roll no.21 to 25: Surface tension            Roll no.26 to 30 : Circular motion/ Rotational motion            Roll no. 31 to 35: Conservation of Energy            Roll no.36 to 40: Electromagnetic wave            Roll no.41 to 45: Viscosity            Roll no. 46 to last: Law of conservation of linear and angular momentum</p> <p>2.Practice paves the way to success. Hence utilize your vacations and practice the syllabus covered so far in Physics. Do all the NCERT back exercise questions and intext questions of the chapters done.</p>
<b>CHEMISTRY</b>	<p>1. Do all intext and back exercise questions of NCERT text book for the following Chapters            (1) Some Basic concepts of chemistry            (2) Structure of Atom</p> <p>2.Prepare a research paper on any one of the following topics :            (a) The role of chemistry to save and to improve environment            (b) Future of e-vehicles            (C) Chemistry of nano particle stained glass.</p> <p>Format of Research paper            1.Title page            2.Abstract/Summary (Collage Work)            3.Introduction            4 Background/History            5.Method (Experiment/ Survey /Data)            6.Result/Conclusion</p>
<b>BIOLOGY</b>	<p><b>Task 1</b>  <u><b>Creative corner</b></u>            Make posters on any three topics mentioned under one major heading below:            (Use A3 Size sheets for the same)</p>

	<table><tr><th>S.No.</th><th>Topics</th></tr><tr><td>1.</td><td>Digestion and Absorption<ul style="list-style-type: none"><li>● Diagram of digestive system</li><li>● Digestive glands and their functions</li><li>● Nutritional and digestive disorders</li></ul></td></tr><tr><td>2.</td><td>Breathing and exchange of gases<ul style="list-style-type: none"><li>● Diagram</li><li>● Respiratory volumes and respiratory capacities</li><li>● Disorders of respiratory system</li></ul></td></tr><tr><td>3.</td><td>Body fluids and circulation<ul style="list-style-type: none"><li>● Flow chart of blood and its components</li><li>● ECG</li><li>● Disorders of circulatory system</li></ul></td></tr><tr><td>4.</td><td>Excretory products and their elimination<ul style="list-style-type: none"><li>● Hemodialysis</li><li>● Disorders of urinary system</li></ul></td></tr><tr><td>5.</td><td>Locomotion and movement<ul style="list-style-type: none"><li>● Flow chart of skeletal system</li><li>● Joints</li><li>● Disorders of bones</li></ul></td></tr><tr><td>6.</td><td>Neural control and coordination<ul style="list-style-type: none"><li>● Human brain (flow chart)</li><li>● Nervous system (flow chart)</li></ul></td></tr><tr><td>7.</td><td>Endocrine system</td></tr><tr><td>8.</td><td><ul style="list-style-type: none"><li>● Hatch and slack pathway</li><li>● Calvin cycle</li><li>● ATP synthesis through chemiosmosis</li></ul></td></tr><tr><td>9.</td><td><ul style="list-style-type: none"><li>● Glycolysis</li><li>● Kreb's cycle</li><li>● Interrelationship among metabolic pathways</li></ul></td></tr><tr><td>10.</td><td><ul style="list-style-type: none"><li>● Types of chromosomes</li><li>● Chloroplast</li><li>● Mitochondria</li></ul></td></tr><tr><td>11.</td><td><ul style="list-style-type: none"><li>● Endoplasmic reticulum</li><li>● Golgi complex</li><li>● Fluid mosaic model of membrane</li></ul></td></tr></table>	S.No.	Topics	1.	Digestion and Absorption <ul style="list-style-type: none"><li>● Diagram of digestive system</li><li>● Digestive glands and their functions</li><li>● Nutritional and digestive disorders</li></ul>	2.	Breathing and exchange of gases <ul style="list-style-type: none"><li>● Diagram</li><li>● Respiratory volumes and respiratory capacities</li><li>● Disorders of respiratory system</li></ul>	3.	Body fluids and circulation <ul style="list-style-type: none"><li>● Flow chart of blood and its components</li><li>● ECG</li><li>● Disorders of circulatory system</li></ul>	4.	Excretory products and their elimination <ul style="list-style-type: none"><li>● Hemodialysis</li><li>● Disorders of urinary system</li></ul>	5.	Locomotion and movement <ul style="list-style-type: none"><li>● Flow chart of skeletal system</li><li>● Joints</li><li>● Disorders of bones</li></ul>	6.	Neural control and coordination <ul style="list-style-type: none"><li>● Human brain (flow chart)</li><li>● Nervous system (flow chart)</li></ul>	7.	Endocrine system	8.	<ul style="list-style-type: none"><li>● Hatch and slack pathway</li><li>● Calvin cycle</li><li>● ATP synthesis through chemiosmosis</li></ul>	9.	<ul style="list-style-type: none"><li>● Glycolysis</li><li>● Kreb's cycle</li><li>● Interrelationship among metabolic pathways</li></ul>	10.	<ul style="list-style-type: none"><li>● Types of chromosomes</li><li>● Chloroplast</li><li>● Mitochondria</li></ul>	11.	<ul style="list-style-type: none"><li>● Endoplasmic reticulum</li><li>● Golgi complex</li><li>● Fluid mosaic model of membrane</li></ul>
S.No.	Topics																								
1.	Digestion and Absorption <ul style="list-style-type: none"><li>● Diagram of digestive system</li><li>● Digestive glands and their functions</li><li>● Nutritional and digestive disorders</li></ul>																								
2.	Breathing and exchange of gases <ul style="list-style-type: none"><li>● Diagram</li><li>● Respiratory volumes and respiratory capacities</li><li>● Disorders of respiratory system</li></ul>																								
3.	Body fluids and circulation <ul style="list-style-type: none"><li>● Flow chart of blood and its components</li><li>● ECG</li><li>● Disorders of circulatory system</li></ul>																								
4.	Excretory products and their elimination <ul style="list-style-type: none"><li>● Hemodialysis</li><li>● Disorders of urinary system</li></ul>																								
5.	Locomotion and movement <ul style="list-style-type: none"><li>● Flow chart of skeletal system</li><li>● Joints</li><li>● Disorders of bones</li></ul>																								
6.	Neural control and coordination <ul style="list-style-type: none"><li>● Human brain (flow chart)</li><li>● Nervous system (flow chart)</li></ul>																								
7.	Endocrine system																								
8.	<ul style="list-style-type: none"><li>● Hatch and slack pathway</li><li>● Calvin cycle</li><li>● ATP synthesis through chemiosmosis</li></ul>																								
9.	<ul style="list-style-type: none"><li>● Glycolysis</li><li>● Kreb's cycle</li><li>● Interrelationship among metabolic pathways</li></ul>																								
10.	<ul style="list-style-type: none"><li>● Types of chromosomes</li><li>● Chloroplast</li><li>● Mitochondria</li></ul>																								
11.	<ul style="list-style-type: none"><li>● Endoplasmic reticulum</li><li>● Golgi complex</li><li>● Fluid mosaic model of membrane</li></ul>																								
	<p>(Write points of description. Paste/draw color pictures)</p> <p>Task 2</p> <p>Complete the Notes and Exercise Questions in your Biology registers till Anatomy of flowering plants chapter.</p>																								
<b>POLITICAL SCIENCE</b>	<p>Part -1 Project work</p> <p>Purpose of project work</p> <ul style="list-style-type: none"><li>● To develop research, presentation and analytical skills</li><li>● Encourage self- learning, independent thinking and creativity</li><li>● Applies subject knowledge to practical or real- life problems.</li></ul> <p>Guidelines for project:</p> <ul style="list-style-type: none"><li>● Title page: includes topic, name, roll number, class, school and year</li></ul>																								

	<ul style="list-style-type: none"> <li>• Acknowledgement</li> <li>• Certificate from teacher</li> <li>• Index/table of contents</li> <li>• Introduction of topic</li> <li>• Main content/ research work</li> <li>• Conclusion</li> <li>• Bibliography/ references</li> </ul> <p>General guidelines:          Choose a topic relevant to the syllabus          Use proper headings, subheadings and formatting          Keep the project within 20-30 pages          Include charts, graphs, Maps, pictures, newspaper clippings, surveys, data          Illustrations / cartoons related to chapter          Keep it original- avoid copying from internet.</p> <p>Part -2          Do All the questions from NCERT book in your fair registers</p>
<b>PHYSICAL EDUCATION</b>	<p>1. Make a project on Any one game of your choice out of the list below. Labelled diagram of field &amp; equipment (Rules, Terminologies &amp; Skills)          Basketball, Football, Kabaddi, Kho-Kho, Volleyball, Handball, Hockey, Cricket, Boxing and Judo.</p> <p>Assignment 1          Long Answers Questions 5 Markers</p> <ol style="list-style-type: none"> <li>1. What is the Need of sports competition in school? Discuss in detail.</li> <li>2. Will the increase in professional sports league bring any transformation in Indian sporting culture? Justify your answer.</li> <li>3. Do you think 'Sports for peace and development' will work for restoring of peace in Jammu and Kashmir?</li> <li>4. When was Khelo India programe started? Give detail.</li> <li>5. Explain the selection criteria of Khelo-India Programe.</li> <li>6. Write a Note on Fit India programe.</li> </ol>
<b>PAINTING</b>	<p><b>Lesson 1 - Prehistoric Rock Paintings</b>  <b>Long Answer Questions</b></p> <ol style="list-style-type: none"> <li>Q.1 How did the people of prehistoric times select themes for their paintings?</li> <li>Q.2 What could have been the reason for depicting more animal figures than human figures in cave paintings?</li> <li>Q.3 What are the main features of Prehistoric Rock Paintings found in Bhimbetka? Explain with examples and illustrations.</li> <li>Q.4 Describe the materials, tools, and themes used by early humans in their cave paintings. How do these reflect their lifestyle?</li> <li>Q.5 Many visuals of prehistoric cave paintings have been given in this lesson. Among these, which one do you like the most and why? Give a critical appreciation of the visual.</li> <li>Q.6 Other than Bhimbetka, which are the other major sites where these prehistoric paintings have been found?</li> </ol> <p><b>Lesson 2 – Arts of the Indus Valley</b>  <b>Long Answer Questions</b></p> <ol style="list-style-type: none"> <li>Q.1 Would you agree that the people of the Indus Valley Civilisation were great art lovers? Give reasons for your answer.</li> <li>Q.2 What kind of similarities and differences do you find between present- day terracotta and the Indus Valley terracotta?</li> <li>Q.3 Describe the main characteristics of Indus Valley sculpture with reference to the Dancing Girl and Male Torso.</li> </ol>

	<p>Q.4 Discuss the features and significance of the seals found in the Indus Valley Civilization. What do they tell us about their art and culture?</p> <p>Q.5 Explain the architectural achievements of the Indus Valley Civilization. Mention features of town planning, Great Bath, and granaries.</p>
<b>PSYCHOLOGY</b>	<p>You have read about different kind of professionals involved with the subject. Find out and interview any one person associated with this field. Ask him/her questions such as:</p> <ol style="list-style-type: none"> <li>1. Which institution is he/her associated with?</li> <li>2. What kind of education is required for the job?</li> <li>3. Which college would be best to study that particular post?</li> <li>4. What is the scope of getting a job after the course?</li> <li>5. What is he required to do in his/her job?</li> <li>6. What motivated him to take up that job?</li> <li>7. Is he/she involved in some social community service also besides earning money?</li> </ol> <p>Explore various career options in Psychology. Give a detailed description of the renowned colleges/institutions available in the country for the various undergraduate and post graduate courses. Pictures can be posted Write about the career options available with each course</p>
<b>MUSIC</b>	<p><b>Create a chart on any one of the topics given below.</b></p> <p>1) परिभाषाएं अलंकार , कण, मीड, खटका, मुर्की, गमक, ग्राम, मूर्च्छना आलाप, तान</p> <p>2) रागों का समय सिद्धान्त</p> <p>3) ग्रंथ परिचय क) संगीत रत्नाकर ख) संगीत परिजात</p> <p>4) तालें (परिचय, ठाह, दुगुन, तिगुन व चौगुन) झपताल रूपक ताल धमार ताल</p> <p>5) तानपुरा (संपूर्ण जानकारी)</p> <p>6) राग परिचय भैरव बागेश्री मालकौंस</p> <p>7) जीवन परिचय (जीवनी) उस्ताद बड़े गुलाम अली खां पंडित कृष्ण राव शंकर पंडित उस्ताद फैयाज खां</p>
<b>HINDI</b>	<p>प्रश्न 1— 'नमक का दारोगा' पाठ का प्रतिपाद्य बताइए।</p> <p>प्रश्न 2— 'नमक का दारोगा' कहानी 'धन पर धर्म की विजय' की कहानी है। प्रमाण द्वारा स्पष्ट कीजिए।</p> <p>प्रश्न 3— वंशीधर के पिता ने उसे कौन-कौन-सी नसीहतें दी?</p> <p>प्रश्न 4— मियां नसीरुद्दीन के मन में कौन-सा दर्द छिपा है? विस्तारपूर्वक बताइए।</p>

	<p>प्रश्न 5— अखबार वालों के प्रति मियां नसीरुद्दीन का दृष्टिकोण कैसा है?</p> <p>प्रश्न 6— मियां नसीरुद्दीन के अनुसार सच्ची तालीम क्या है?</p> <p>प्रश्न 7— मियां ने पढ़ाई के कितने तरीके बताए हैं?</p> <p>प्रश्न 8—‘हम तौ एक एक करि जाना’ पद का प्रतिपाद्य स्पष्ट करें।</p> <p>प्रश्न 9— ईश्वर के स्वरूप के विषय में कबीर क्या कहते हैं? विस्तारपूर्वक बताइए।</p> <p>प्रश्न 10— मीरा ने जीवन का सार किस उदाहरण से समझाया है। तर्क सहित बताइए।</p> <p>प्रश्न 11— ‘मेरे तो गिरधर गोपाल’— पद का भाव स्पष्ट करें।</p>
--	---