DELHI PUBLIC SCHOOL, BULANDSHAHR
Holiday Home Work - Class XI (2025-2026)

S I no.	Subject	Home work
1.	English	**1. Read the passage given below.** **The Future of Work in a Digital Age** In recent years, the concept of work has undergone a significant transformation. The advent of digital technologies has not only altered how we work but also where, when, and with whom we work. The traditional 9-to-5 office job is gradually being replaced or complemented by more flexible and decentralized models of employment, such as remote work, freelancing, and the gig economy. This shift has been further accelerated by the COVID-19 pandemic, which forced organizations worldwide to adopt remote working strategies almost overnight. One of the most prominent changes in the world of work is the rise of automation and artificial intelligence (AI). Machines and algorithms are increasingly capable of performing tasks that were once considered the exclusive domain of humans. From customer service chatbots to automated financial advising, technology is now handling both routine and complex operations. While this has led to increased efficiency and reduced costs for businesses, it has also raised concerns about job displacement. According to a study by the World Economic Forum, automation could displace 85 million jobs by 2025, but it could also create 97 million new roles that are better suited to the new division of labor between humans, machines, and algorithms. Another significant development is the globalization of talent. With digital communication tools like Zoom, Slack, and Microsoft Teams, geographical boundaries are becoming increasingly irrelevant. A software developer in India can now collaborate seamlessly with a team based in the United States or Europe. This has opened up vast opportunities for individuals in emerging economies, but it has also intensified competition in the job market. Employees must now continuously update their skills to remain relevant in a rapidly evolving landscape. Workplace culture has also seen a dramatic shift. The emphasis has moved from physical presence to productivity and output. Companies are now investing in digital well-being initiatives, recognizing the psychological toll of remote work. The boundary between professional and personal life has become blurred, leading to challenges related to work-life balance. Employees often find it difficult to "switch off," resulting in increased stress and burnout. The education system, too, must evolve to keep pace with these changes. Traditional curricula often fail to equip students with the skills required in the modern workplace, such as critical thinking, creativity, emotional intelligence, and digital literacy. Schools and colleges need to foster a culture of lifelong learning, where individuals are encouraged to reskill and upskill throughout their careers. Despite these challenges, the digital age presents immense opportunities. Organizations can tap into a global talent pool, reduce overhead costs, and operate with greater agility.

Employees, on the other hand, enjoy greater flexibility,

access to diverse roles, and the possibility of achieving a better work-life balance—if managed correctly. Governments and institutions play a vital role in ensuring that the benefits of this new world of work are distributed equitably.

Policies that support retraining programs, ensure fair wages, and promote digital inclusion are essential to avoid deepening social inequalities.

In conclusion, the future of work is not about humans versus machines; rather, it is about humans working *with* machines. The key lies in adaptability, resilience, and continuous learning. Those who can embrace change and leverage technology as a tool, rather than fear it as a threat, are likely to thrive in the workplaces of tomorrow.

1.1 Answer the following questions given below.

(i). What is the main idea of the passage?

a) The decline of traditional education b) The role of government in employment

c) The transformation of work due to digital technologies d) The disappearance of office spaces

(ii) According to the passage, what is one benefit of automation?

a) Decrease in digital skills b) Elimination of remote work

c) Increased efficiency and reduced costs d) Rise in unemployment rates

(iii) How has remote work affected workplace culture?

a) Encouraged more physical presence b) Made office work more compulsory

c) Shifted focus to productivity and output d) Reduced the need for digital well-being

(iv) What role do educational institutions need to play in the future of work?

a) Focus only on traditional subjects b) Discourage the use of technology

c) Promote lifelong learning and digital literacy d) Reduce student exposure to emotional intelligence

(v) What is one of the risks associated with remote work mentioned in the passage?

a) Increased company profits b) Excessive leisure time

c) Difficulty in maintaining work-life balance d) Growth in traditional employment

(vi) The gig economy is an example of what kind of work model?

a) Centralized b) Traditional c) Decentralized d) Educational

(vii) What is a consequence of globalization of talent as per the passage?

a) Fewer job opportunities for developing countries b) Reduced international collaboration

c) More job competition and need for constant skill updates d) Decline in the use of communication tools

(viii) What should individuals do to stay relevant in the evolving job market?

a) Avoid technology b) Wait for government aid

c) Continuously update their skills d) Stick to one job for life

(ix) Which of the following statements is TRUE based on the passage?

a) Digital tools have made geographical boundaries more important. b) Automation will only lead to job loss.

c) Emotional intelligence is an essential future skill. d) Work-life balance is easier in the digital age.

(x) What is the author's tone in the passage?

a) Fearful and alarmist b) Neutral and informative

c) Sarcastic and dismissive d) Pessimistic and gloomy

2. To encourage students to participate in outdoor activities, your school has planned a 7-day trek to Rohtang Pass for students of classes X-XII during the summer vacation. Write a notice for the school notice board in about 50 words giving all the necessary information. You are Raghav/Ragini, Secretary Trekking Club, Amar Bahadur School.

3. The problem of the residents' parking of vehicles, often leading to minor scuffles, has become a source of growing concern. As Secretary of Goodwill Flats Welfare Association, Shripur, write a notice in about 50 words informing the residents about a meeting to discuss the problem and find an acceptable solution. Invent necessary details.

4. You are a member of the social awareness team of your school and you have to participate in an awareness drive regarding the importance of water. Prepare a poster highlighting the importance and ways of rainwater harvesting that can be implemented by the residents of the area in about 50 words.

5. Your school is celebrating Science week. Prepare a poster to create awareness regarding the importance of science in our daily lives in about 50 words.

6. **In the following items, some parts of each sentence have been jumbled up. You are required to rearrange these parts which are labelled A, B, C and D to produce the correct sentence. Choose the proper sequence.**

(i) A. This leads to a healthier lifestyle and improved mental well-being.
B. Regular physical activity plays a crucial role in maintaining good health.

C. It also helps in reducing stress and enhancing mood.

D. It strengthens the heart, muscles, and bones.

a) B-D-A-C b) A-B-D-C c) D-B-A-C d) B-A-D-C

(ii) A. A well-written resume increases your chances of getting an interview.
B. It should highlight your skills, achievements, and experience clearly.

C. A resume is your first impression on a potential employer.

D. Therefore, it is important to customize it for each job application.

		a) C-A-B-D b) A-C-B-D c) B-D-A-C d) D-A-C-B (iii) A. In recent years, tourism has become a significant contributor to global economies. B. However, it also has negative environmental impacts. C. It generates employment and supports local businesses. D. Mass tourism often leads to pollution and overuse of natural resources. a) A-C-B-D b) C-A-B-D c) B-D-C-A d) A-B-D-C (iv) A. The Earth's climate has changed throughout history. B. Most of the current warming trend is extremely likely due to human activity. C. The current rate of change is alarming and unprecedented. D. Scientific evidence shows a sharp rise in global temperatures in recent decades. a) A-D-C-B b) D-C-B-A c) A-C-D-B d) C-D-B-A (v)A. It requires consistent effort and an open mind. B. Personal growth is a lifelong process. C. It involves learning from experiences and adapting to change. D. Growth doesn't happen overnight, and setbacks are part of the journey. a) B-C-D-A b) A-B-C-D c) C-A-D-B d) D-B-A-C **7. Identify the part of the sentence that contains an error:** (i) The teacher / asked the students / that why they were late / No error. a) The teacher b) asked the students c) that why they were late (ii) She is / more smarter / than her brother / No error. a) She is b) more smarter c) than her brother (iii) Neither the mother / nor the children / was at home / No error. a) Neither the mother b) nor the children c) was at home d) No error (iv).The manager / together with his team / are attending the conference / No error. a) The manager b) together with his team c) are attending the conference (v) Each of the boys / have submitted / their assignments on time / No error. a) Each of the boys b) have submitted c) their assignments on time
2.	**Maths**	ACTIVITY : 1 To find the number of subsets of a given set and verify that if a set has n elements , then the total number of subsets 2^n. ACTIVITY : 2 To verify that for two sets A and B , n (A x B) = p x q and the total number of relations from set A to B is 2^{mn}. ACTICITY : 3 To represent set theoretical operations using venn- diagram ACTIVITY : 4 To identify the relation and the a function. ACTIVITY : 5 To verify the relation between the degree measure and the radian measure of an angle. ACTIVITY : 6 To find the value of sine and cosine functions in second, third , fourth quadrants using given value of first quadrants.

3.	**Physics**	1. Solve given revision worksheets. 2. Make **a working model with its synopsis (hand written, use A-4 size colour sheets)** Writing a good synopsis report is not only about explaining what you have accomplished or learned through your project. But you also want to use proper grammar and write well, so that the reader is compelled to think highly of your work. **Guidelines for Writing Synopsis of Project:** a. Make a Cover Page b. Acknowledgment c. Certificate d. Index e. Introduction f. Objective of synopsis. g. Principle on which synopsis is based. h. Theory of the concern Synopsis. i. Scope of the Synopsis. j. Experimental reports of the synopsis with pictures k. Conclusion of your synopsis report. l. Learning outcomes of your synopsis report. m. Abstract of synopsis report. n. Observations with diagrams, Graphs, Pictures Etc. o. Bibliography. **ThemesforScience Projects with working model:** • **Environmentalissues:causesandconsequencesofclimaticchange;** • **Biodiversity:ConservationandSustenance** • **Lifescienceinhumanwelfare;** • **Alternativeenergy(greenenergyorbio-fuel)asasubstituteofhydrocarbonenergy;** • **InformationandCommunicationTechnology;and** • **Mathematics-physicalscienceandSports;** To formulate innovative ideas, approach and imagination, the above themes are divided into different sub-themes. These will be helpful for them to develop insights in the preparation of exhibits and models. **Environmentalissues:causesandconsequencesofclimaticchange** • Impactofclimatechangeonthesurroundingenvironmentviz. farming/agriculture,animal (domestic and wild) and health (man, animal and aquatic life); • Measurestocontrolillimpactofnaturalcalamitiesviz.earthquake,drought,flood, famine, storms, typhoon, etc,; • Wastelandusefortherehabilitationoflandlesspeople; • Demonstratebalancingofcarbonandhydrologicalcyclestoreducecarbondioxidein atmosphere; • Greenschool;teachingandlearning; • Innovativedesigns/methodstomanage/recyclesolidandliquidwastesanduseof recycled products; • Methodsofgroundwaterrecharging.
4.	**Chemistry**	**MCQs (Q 1-10)** **1.The percentage of nitrogen in urea is about** (a) 46 (b) 85 (c) 18 (d) 28 **2.The prefix 10^{18} is** (a) giga (b) exa (c) kilo (d) nano

3.Number of atoms in 558.6 g Fe (Molar mass Fe = 55.86 g mol^{-1}) is

(a) twice that in 60 g carbon (b) 6.023×10^{22}

(c) half that of 8g He (d) $558.6 \times 6.023 \times 10^{23}$

4.How many moles of electrons weight one kilogram?

(a) 6.023×10^{23} (b) $1 / 9.108 \times 10^{31}$

(c) 6.023×1054 / 9.108 (d) 9.108×10^{8}

5.Which has maximum number of atoms?

(a) 24 g of C (12) (b) 56 g of Fe (56)

(c) 27 g of Al (27) (d) 108 g of Ag (108)

6.The wavelength associated with a golf ball weighing 200 g and moving at a speed of 5 m/h is of the order

(a) 10^{-10} m (b) 10^{-20} m (c) 10^{-30} m (d) 10^{-40} m

7.The ion iso-electronic with CO is

(a) O^{-}_2 (b) N^{+}_2 (c) CN^{-} (d) $O^{+}2$

8.The line spectrum of hydrogen obtained in the visible region of light corresponds to

(a) Lyman series (b) Balmer series (c) Paschen series (d) Brackett series

9.What is the wavelength of light. Given energy = 2.91×10^{-19}], h = 6.36×10^{-34} Js, c = 3.0×10^{8} m/s?

(a) 6.56 nm (b) 656 nm (c) 0.656 nm (d) 65.6 nm

10.Bohr atomic model can explain

(a) the spectrum of hydrogen atom only
(b) spectrum of an atom or ion containing one electron

(c) the spectrum of hydrogen molecule

(d) the solar spectrum

Case based Questions

11. Read the passage carefully and answer the following questions:

Riya is a student of Class XI who recently performed an experiment in the chemistry lab. She heated a sample of magnesium in a crucible to form magnesium oxide. She took 2.4 grams of magnesium and burned it in the presence of air. After the reaction, she obtained 4.0 grams of magnesium oxide. Riya was curious to understand how this experiment relates to the Law of Conservation of Mass and the Law of Constant Proportions. She also wanted to calculate the number of moles of magnesium and magnesium oxide involved in the reaction.

(a) State the Law of Conservation of Mass and verify whether it is satisfied in Riya's experiment.
(b) Using the data provided, find the mass of oxygen that combined with magnesium.
(c) Calculate the number of moles of magnesium used. (Atomic mass of Mg = 24 u)

(d) Calculate the number of moles of magnesium oxide formed. (Molar mass of MgO = 40 g/mol)

(e) Which law of chemical combination is illustrated if magnesium and oxygen always combine in a fixed ratio by mass? Explain.

12. Read the passage carefully and answer the following questions:

Aryan was fascinated by the history of how atomic models evolved over time. In his school chemistry project, he explored various atomic models proposed by scientists such as J.J. Thomson, Rutherford, and Niels Bohr. Aryan created a flowchart to represent the differences in their ideas and conducted a simulation to visualize the hydrogen atom using Bohr's model.He found that Bohr proposed that electrons revolve in fixed orbits called shells, and energy is absorbed or emitted when an electron jumps between energy levels. Aryan used this knowledge to calculate the energy change when an electron in a hydrogen atom jumps from the **n = 3** level to the **n = 2** level.

(a)State one postulate each of Rutherford's and Bohr's atomic models.

(b)Mention one drawback of Rutherford's model that Bohr's model overcame.

(c)Calculate the energy absorbed or emitted when an electron jumps from **n = 3** to **n = 2** in a hydrogen atom.

(d)Is the energy change in part (c) absorption or emission? Justify.

Assertion – Reason type Questions

Direction- Each question given below contains statement 1 (Assertion) and statement 2 (Reason). It has four choices a, b, c and d. Out of which only one is correct. Choose the correct option as under:

(a) Statement 1 and 2 are true. Statement 2 is the correct explanation of Statement 1.

(b) Statement 1 is true. Statement 2 is true. Statement 2 is not the correct explanation of Statement 1.

(c) Statement 1 is true. Statement 2 is false.

(d) Statement 1 is false. Statement 2 is true.

13.Assertion: The ratio by volume of gaseous reactants and products is in agreement with their molar ratio.

Reason: Volume of a gas is inversely proportional to the number of moles of a gas.

14.Assertion: The number of O atoms in 16 g of oxygen and 16 g of ozone is same.

Reason: Each of the species represent 1 g-atom of oxygen.

15.Assertion : The radius of the first orbit of hydrogen atom is 0.529Å.

Reason : Radius of each circular orbit (r_n) – 0.529Å (Z/n^2), where n = 1, 2, 3 and Z = atomic number.

16.Assertion : The position of an electron can be determined exactly with the help of an electron Microscope.

Reason : The product of uncertainty in the measurement of its momentum and the uncertainty in the

measurement of the position cannot be less than a finite limit.

17.Assertion : All isotopes of a given element show the same type of chemical behaviour.

Reason : The chemical properties of an atom are controlled by the number of electrons in the atom.

VERY SHORT ANSWER TYPE QUESTIONS (2 MARKS)

18.(a)What is the mass of one mole of NaCl?

(b)Calculate the no. of atoms and volume of 1 g of He gas at STP.

19. What is the difference between precision and accuracy?

20. 4 litres of water are added to 2L of 6 molar HCl solutions.What is the molarity of resulting solution?

21. Calculate the number of moles in the following masses –
(i) 7.85g of Fe
(ii) 7.9mg of Ca

22. What would be the molality of the solution obtained by dissolving 20 g Na_2CO_3 in 1000 g water?

23. Differentiate between orbit and orbital with one example each.

24. State Heisenberg's Uncertainty Principle. What is the significance of this principle in defining the position and momentum of an electron?

25. Calculate the wavelength of light emitted when an electron in a hydrogen atom transitions from n=4 to n=2.

26. Explain the difference between line spectrum and continuous spectrum. Give an example of each.

27. Define the photoelectric effect. How did it support the particle nature of light?

SHORT ANSWER TYPE QUESTIONS (3 MARKS)

28. How many significant figures are present in
(a) 4.01×10^2
(b) 8.256
(c) 100

29. Vitamin C is essential for the prevention of scurvy. Combustion of 0.2000g of vitamin C gives 0.2998g of CO_2 and 0.819g of H_2O. What is the empirical formula of vitamin C?

30. How many grams of H_2SO_4 are needed to completely dissolve 3 g $MgCO_3$?

31. If the density of methanol is 0.793 kg L^{-1}, what is the volume needed for making its 2.5 L of 0.25 M solution?

32. 214.2 g sugar syrup contains 34.2 g sugar ($C_{12}H_{22}O_{11}$).

Calculate (i) molar concentration (ii) mole fraction of sugar in the solution.

		33. Using the concept of Bohr's model, calculate the energy associated with the second orbit (n = 2) of a hydrogen atom. Also, find the frequency of radiation emitted when the electron jumps from n=2 to n=1. **34.** The wavelength of a photon is found to be 4.5×10−7 m. (a) Calculate the frequency of the photon. (b) Calculate its energy in joules. (c) Mention one application of such radiation. **35.** (a) Define isotopes, isobars, and isotones with one example each. (b) Which of the three have the same number of neutrons? **36.** An electron is moving with a speed of 2.05×107 m/s. If the uncertainty in its velocity is 0.01%, calculate the uncertainty in its position. 37. Differentiate between: (a) Stationary state and excited state (b) Ground state and ionized state (c) Absorption and emission of energy by electrons **LONG ANSWER TYPE QUESTIONS (5 MARKS)** **38. (a)** Define Empirical formula and Molecular formula. How are they related? **(b)** A compound contains 52.2% carbon, 13.0% hydrogen, and 34.8% oxygen by mass. Its molar mass is 46 g/mol. Calculate: (i) Empirical formula (ii) Molecular formula **39.(a)** Define limiting reagent with an example. **(b)** 10 g of hydrogen reacts with 80 g of oxygen to form water. (i) Identify the limiting reagent. (ii) Calculate the mass of water formed. 40.(a)Describe the major features of Rutherford's nuclear model of the atom. **(b)** What experimental observations led to the failure of the Thomson model? **(c)** Explain how Rutherford's model was later modified by Bohr to explain atomic stability. **41.(a)** What is de Broglie's hypothesis? Derive the expression for de Broglie wavelength. **(b)** Calculate the de Broglie wavelength of a particle of mass 1.0×10−27 kg moving with velocity 3×10^3 m/s .
5.	**Biology**	**1. Prepare an investigatory report of any biology topic from biology syllabus. report should not be more than 15 pages.** **2. Do the biology practical in practical file.**
6.	**Computer Science**	1. What is wrong with following code fragment? a=20 print(a) b=33 print(b)

		2. What is wrong with following code fragment? name="freya" classs=4 print(name+classs) 3. What will be the output of following python code? a,b=3,4 a,b,c=b,a+3,b-1 print(a,b,c) 4. What will be the output of following python code? a,b=3,4 c,a=b*4,a+4 print(a,b,c) 5. What will be the output of following python code/code fragment? a. print(print("vishal")) b. print("vishal") print("indian") c. print("vishal",end=" ") print("indian") d. a=int(input("enter first no")) b=int(input("enter second no")) a,b=b,a print("a=",a) print("b=",b) #if user is entering 5 and then 10 6. What will be the output of following? a=20 b=a+1 a=33 print(a+b) 7. Write a Python program to find out the simple interest. 8. Write a Python program to find out the compound interest. 9. Write a Python program to find out the area of the triangle. 10. Write a Python program to find out the area of the circle.
7.	**I P**	**Create a Power-Point presentation on "Python and its Applications". (Prepare at least 5 slides)**
8.	**Physical education**	Q1. Draw a labelled diagram of 400 M Track and Field with computation. Q2. Write about any one game of your choice out of Badminton , Lawn Tennis, Rope skipping and Yoga under the following heads- i) Labelled diagram of field. ii) Rules of the game/sport. iii) Terminologies of the game/sport. iv) Skills of the game/sport. Q3. Draw and write the procedure of two sitting and standing yogic asanas.
9.	**Painting**	**1.Village Scene complete with water colour** **2. Still Life water colour** **3. Modern art mix media** **4. Life study full figure sitting position(Male/ Female)in sketch book**
10	**Accountancy**	1. Enumerate main objectives of accounting. 2. Describe the role of accounting in modern world. 3. Explain briefly any five advantages of accounting. 4. Whatdo you meanby an assetand what aredifferent types of assets? 5. Theaccountingconceptsandaccountingstandardsaregenerallyreferredtoasth eessenceoffinancial accounting. Comment. 6. Explain the following:

i. Dual Aspect Concept

ii. Accrual Concept

iii. Going Concern Concept

iv. Cost Concept

v. Accounting Period Concept

7. Rohit has the following transactions.

Sl. No.	Particulars		Amount (₹)
(i)	Commenced business with cash	1,50,000	
i)	Purchased machinery on credit		40,000
(iii)	Purchased goods for cash		20,000
(iv)	Purchased car for personal use		80,000
(v)	Paid to creditors in full settlement		38,000
(vi)	Sold goods for cash costing ₹ 5,000.		4,500
(vii)	Paid rent		1,000
(viii)	Commission received in advance		2,000

8 Prepare Accounting Equation of the following transactions and also the Balance Sheet:

1. Manish started business with cash.

   Opened a Bank Account and transferred ₹ 4,00,000 from his Savings Account
2. Purchased a building from Sanjay for ₹ 12,00,000 paid by taking a loan from SBI.
3. Paid interest on loan ₹ 20,000 and instalment of ₹ 1,00,000.
4. Purchased goods from Rahul on credit. 10, 0000
5. Goods returned to Rahul costing 20, 000
6. Sold goods costing ₹ 40,000 for ₹ 50,000 on credit to Laxman.
7. Took goods from business for personal use. 10,000
8. Accrued interest. 5000
9. Commission received in advance. 20,000
10. Cash received from Laxman. 10,000

9 Show the accounting equation on the basis of the following transactions:

i. Commenced business with Cash ₹ 20,000; Goods ₹ 50,000 and Furniture ₹ 30,000.

ii. Purchased goods from Govind on Credit ₹ 40,000.

iii. Sold goods for Cash ₹ 40,000 (Costing ₹ 30,000).

iv. Sold goods to Sham on Credit ₹ 65,000 (Costing ₹ 50,000).

v. Withdrewforpersonalusegoodscosting₹5,000.

vi. Purchased typewriter for personal use of the proprietor ₹ 20,000.

vii. Purchasedchairs foroffice usefor Cash₹ 10,000.

viii. Paid for printing ₹ 500 and received Commission ₹ 1,200.

		ix. Introduced fresh Capital ₹ 40,000. x. Paid to Govind ₹ 30,000. 10 Prove that accounting equation is satisfied in all the following transactions of Swati Goyal: i. Started business with cash Rs 3,00,000. ii.PaidrentinadvanceRs9,000. iii. Purchased goods for cash Rs1,50,000 and credit 1,60,000. iv. Sold goods for cash Rs 2,40,000 costing Rs 1,20,000 v. Paid salary in cash Rs 13,500 and salary outstanding Rs 3,000 vi. Bought motor cycle for personal use Rs 90,000. **11.** PREPARE AND PRESENT A WELL-DOCUMENTED PROJECT ON THE TOPICS ASSIGNED AND DISCUSSED IN CLASS BY THE TEACHER, IN ACCORDANCE WITH CBSE GUIDELINES.
11	**Business Studies**	**Instructions:** **All work should be done neatly in a file.** **Support your answers with illustrations, diagrams, or newspaper/magazine cuttings wherever applicable.** **Part A: Project Work (CBSE Guidelines)** **Choose ONE of the following topics for your project file:** **1) visit to an Industry** **Study the form of business, scale of operations, capital invested, manpower, and marketing techniques.** **OR** **2)Forms of Business Organisation** **Choose one form and justify its suitability for a small startup.** **Part B: Business News Journal:** **Maintain a weekly journal (at least 3 weeks) where you:** **Paste one business-related news article.** **Summarize it in your own words.**
12	**Economics**	**1. Solve the Assignments shared in the classroom.** **2. Prepare a project file on anyone of the topics discussed in the classroom.** **Guidelines for the project:** 1. The entire project must be completed in around **25-30** pages. 2. It is compulsory that the project must be handwritten. However, only certificate can be in printed form. 3. The project must be clubbed inside a neat and tidy spiral/cobra file/folder 4. While crafting your project, you must follow this specified format already explained to you: **-Cover Page** **-Certificate** **-Acknowledgement** **-Index (List of Contents)** **-Introduction** **-Topic with a Unique Title/Heading** **- Student's own perception** **-Conclusion** **-Bibliography**
13	**Geography**	**Prepare any one model on any of the topics volcanoes,types, earthquake with focus, epicenter,model of intrusive landforms of volcanoes or continental drift theory or any relevant topic related to physical geography**
		Do all Questions answer on your Note book.

14	**Political Science**	***Short Answer Type Questions*** Q.1 What are the unique features of India's election? Q.2 Why do we adopt indirect Democracy? Q.3 Why are Election Important? Q.4 How does P R system work in Rajya Sabha election? Q.5 Why reservation was introduced in India? Q.6 What is the differences in separate electorate and reserved constituencies? Q.7 What was the constitutional amendment of 1989 regarding universal adult franchise in India? Q.8 What are the difficult situations faced by election commission to hold election in India? ***Long Answer Type Questions*** Q.9 Explain the plurality system of election in India. Q.10 What are the variants of Proportional representation? Explain each with example. Q.11 Explain the proportional representation in Israel. Q.12 Differentiate between FPTP and PR system of election. Q.13 Why did India adopt FPTP system in India? Q.14 Which article of the Indian Constitution deals about Independent Election Commission? Explain its Structure and position. Q.15 What is Special majority? Explain. Q.16 Explain the powers of E C. Q.17 " It is widely agree that E C is more independent and assertive now that it was till 20years ago" Comment. Q.18 What are the electoral reforms we needed in our country? Q.19 "The success of India's election system can be gauged from a number of factors"- Explain.
15	**History**	ANSWER THE FOLLOWING QUESTIONS IN DETAIL. (1). Discuss in detail the story of human evolution? (2). Explain in detail the modes of communication of early human beings? (3). "All societies have languages in which certain spoken sounds convey certain meanings".explain the statement. (4). "The connection between city life, trade and writing is brought out in a long sumerian poem about enmarker".explain the statement.

Principal
Delhi Public School
Bulandshahr-203001 (U.P.)