SYLLABUS FOR HALF YEARLY EXAMINATION –CLASS VII (2019-20)

ENGLISH	**Literature**- Class Book- Of Magic Lamps and Genies, On the Grasshopper and Cricket1,The Luncheon, Somebody's Mother, Father's Help, Binya's Blue Umbrella, Just Me, The Boy with a Catapult. **Story Book**- Being Neighbourly. **Grammar**- Determiners, Degrees of Adjectives, Editing, Tenses, Transitive and Intransitive verbs, Modals **Writing**- Notice Writing, Diary Entry, Formal Letter Writing(to the Editor), Writing a paragraph **Reading**- Unseen passage and poem for comprehension
HINDI	अर्धवार्षिक परीक्षा पर आधारित कार्यपत्रिका **पाठ्यक्रम- वसंत-** हम पंछी उन्मुक्त गगन के , दादी माँ , कठपुतली , मिठाईवाला , रक्त और हमारा शरीर , अपूर्व अनुभव , शाम एक किसान **व्याकरण** - भाषा बोली , लिपि तथा व्याकरण , वर्ण-विचार , शब्द-विचार , संज्ञा , लिंग , वचन कारक , सर्वनाम , विशेषण , क्रिया , काल , उपसर्ग , प्रत्यय , तत्सम-तद्भव- अश्व-सर्प , मयूर-कर्ण , एकार्थी शब्द- अनुराग-उत्तम , सत्य-आखेट , विलोम शब्द-1-30 , पर्यायवाची शब्द-1-30 , अनेकार्थक शब्द- 1-14 , अनेक शब्दों के लिए एक शब्द-1-20 , श्रुतिसम भिन्नार्थक शब्द-1-20 , मुहावरे-1-10 , 21-30 , अनौपचारिक पत्र , अनुच्छेद-लेखन , अपठित बोध , संवाद-लेखन , चित्र -वर्णन , विज्ञापन-निर्माण
SANSKRIT	**दिव्यम् पाठ्य—पुस्तक** —लङ्.लकार मध्यमपुरुष:, लङ्.लकार उत्तमपुरुष:, पर्यावरण महोत्सव:, मम दिनचर्या:, संख्याज्ञानम्, काकस्य चातुर्यम्, शब्दार्थ, विलोमशब्द (1 से 10 तक पृष्ठसंख्या — 123), पर्यायवाचीशब्द (1 से 10 तक पृष्ठसंख्या — 124), संख्या (1 से 4 तक तीनों लिगों में) **(पाठों का अभ्यासकार्य)** **व्याकरण** — प्रत्यय— क्त्वा (पृष्ठसंख्या —94), तुमुन् (पृष्ठसंख्या — 96), शब्दरूप— देव, लता, किम् (तीनों लिगों में), धातुरूप— पठ्, गम्, स्था, कृ (लङ्.लकार, लट् लकार, लृट् लकार में) पठित—अपठित गद्यांश, चित्र वर्णन, संवाद लेखन
FRENCH	Chapter – 0, 1, 2, 3, 4 Culture & civilization, articles (definite, indefinite, partitive, contracted), adjectives, verbs, time, possessive adjectives, pronominal verbs, negative, adverbs of quantity, question making, expressions with 'avoir' and description of your typical day.
MATHS	(1) INTEGERS (2) FRACTION AND DECIMAL (3) DATA HANDLING (4) LINES AND ANGLES (5) SIMPLE EQUATIONS (6) EXPONENTS AND POWERS (7) TRIANGLE AND IT'S PROPERTIES
SCIENCE	**Chapter 1**: Nutrition in Plants **Chapter 2**:Nutrition in Animals **Chapter 3**:Structure of Matter. **Chapter 5** :Heat and its effects **Chapter 6**: Flow of Heat. **Chapter 7**: Acid ,Bases and Salts **Chapter 8**: Physical and Chemical changes **Chapter 9**: Weather,Climate&Adaptation **Chapter 10**: Soil.
S. ST.	**GEOGRAPHY** – Environment, Inside Our Earth, Our Changing Earth & Air **HISTORY** – Tracing Changes Through A Thousand Years, New Kings And Kingdoms, The Delhi Sultans, The Mughal Empire & Rulers And Buildings **SOCIAL AND POLITICAL LIFE** – On Equality, Role of the Government in Health, How the State Government Works, Growing up as Boys and Girls & Women Change the World **Map**: History: Military Campaigns under Akbar and Aurangzeb: Kashmir, Punjab, Delhi, Agra, Mathura, Fatehpur Sikri, Chittor, Malwa, Ajmer, Berar and Panipat. (Page 50) **Diagrams:** Geography: Interior of the Earth(Page 7), Rock Cycle(Page 9), A Volcano(Page 13) , Features made by a river in a flood plain(Page 15), Layers of the Atmosphere(Page 22) and Types of Rainfall(Page 26).

I T	Lesson 1 Computer Virus Lesson 2 Number System Lesson 5 E Commerce and Blogging Lesson 6 Internet - Ethics and Safeguard
GK	Chapter 1: Handicrafts of West India Chapter 4: Traditional Art forms of India Chapter 7: Airline and their logos Chapter 8 : Well known structures Chapter 15: Proper disposal of Waste Chapter 18: Environment Calender Chapter 22: Medicinal leaves Chapter 26: Nothing Stopped them Chapter 29: Interesting to Read **Current Affairs**: National and International events between April 2019- August 2019.
VE	'Analytical and situation based questions in accordance with Awakened Citizen Programme'
ARTIFICIAL INTELLIGNECE	**AI FOUNDATION**: What is AI? Why to learn AI The difference between knowledge and Intelligence What is Machine Learning? How do we make machine to learn? Supervised/ Unsupervised Learning Is Robotics and AI same thing? **COMPUTATIONAL** : What is CT? **THINKING** Decomposition Pattern Recognition Algorithms Abstraction **ACTIVITY USING CT :** Generate an algorithm to find- If a given number is odd or even Write 3 signs which you will find on the human face when he/she is happy Which one is greater between two numbers-a & b Write an algorithm to lift a glass of water from a table top Sequence and series Pattern recognition **CHATBOT:** What is a Chatbot? Types of Chatbot Chatbot Examples Features you would like to have in your own chatbot