**DAV PUBLIC SCHOOL EAST OF LONI ROAD, DELHI**

**CLASS – VII**

**SYLLABUS (2019-20)**

**ENGLISH**

**I Periodic Test**

**Literature-** 1. Monkey troubles

2. Birdie, will you pet? (poem)

**Reader-** 1. People at work

**Grammar-** 1. Tenses – revision

2. Articles

3. Compound and Complex sentences

**Writing-** 1. Diary Entry

2. Paragraph writing

**Activity-** 1.Dialogue framing by providing the situations and the same will be enacted.

 2. Jam Session

**TERM -I**

**Literature-** 1. A Hero

2. Fight Manju Fight

3. I Dream a World (poem)

4.Stone soup in Bohemia

**Reader-** 1.Relationships

 2. Attitude

**Grammar-** 1.Pronouns

2.Modals

3.Linkers

4.Voice

5.Compound sentences

**Writing-** 1.Article Writing

 2. Report Writing

 3. Advertisement(Poster Making)

Activity- 1. Role play

 2. M.C.Q based on textual and grammar chap

 **Periodic Test- II**

**Literature-** 1. A Stormy Adventure

2.The Spider and The Fly

3.Friends and Flatterers (poem)

**Reader-**1.Achievers

 2.Unity in Diversity

**Grammar-**Revision of tenses

**Writing-** 1. Letter- Formal and Informal

 2. E-mail writing

 3. Speech

Activity- 1.Video based questionnaire

2. Speech on any random topic

**FINAL TERM**

**Literature-** 1.Human Robot

2. Chocolates in your Dreams Too

**Reader-** 1. The Future World

 2. Unity in Diversity

**Grammar-**1.Perfect Progressive

**Writing-** 1.Revision of all the writing skills

**Activity-** 1.Poem Recitation

2. Advertising (Verbal)

**NOTE:**

1. **Annual Examination at the end of the year will comprise the entire syllabus and will be of 80 marks.**
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**MATHEMATICS**

**I PERIODIC TEST**

Chapter – 1 Rational Numbers

Chapter – 2 Operations on Rational Numbers

Chapter – 3 Rational Numbers as Decimals

**TERM – I**

Chapter – 1 Rational Numbers

Chapter – 2 Operations on Rational Numbers

Chapter – 3 Rational Numbers as Decimals

Chapter – 4 Exponents and Powers

Chapter – 8 Triangle and its Properties

Chapter – 9 Congruent Triangles

Chapter – 14 Visualizing Solid Shapes

**ACTIVITIES**

1. Representing rational numbers on number line.
2. Foldable activity on Laws of Exponents
3. To verify EXTERIOR ANGLE PROPERTY of a triangle by paper cutting and

 pasting.

1. To find median of a triangle from any vertex by paper folding and to locate the

 centroid of the triangle.

**II PERIODIC TEST**

Chapter – 5 Applications of Percentages

Chapter – 12 Data Handling

Chapter – 13 Symmetry

**FINAL TERM**

Chapter – 1 Rational Numbers

Chapter – 2 Operations on Rational Numbers

Chapter – 3 Rational Numbers as Decimals

Chapter – 4 Exponents and Powers

Chapter – 5 Applications of Percentages

Chapter – 6 Algebraic Expressions

Chapter – 7 Linear Equation in One Variable

Chapter – 8 Triangle and its Properties

Chapter – 9 Congruent Triangles

Chapter – 10 Construction of Triangles

Chapter – 11 Perimeter and Area

Chapter – 12 Data Handling

Chapter – 13 Symmetry

Chapter – 14 Visualizing Solid Shapes

**ACTIVITIES**

1. Conduct a survey of any five families of your neighborhood and represent the numbers of males and females in each family using a double bar graph.
2. Draw a circle using a bangle and find the circumference using thread.
3. To calculate percentage of marks obtained in different subjects in Term- 1
4. To represent Lines of symmetry in different geometrical figures.

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 **Notebook Assessment/ Portfolio/ Activity**

**SCIENCE**

**I PERIODIC TEST**

 Ch-1 Nutrition in living organisms-Plants

Ch- 5 Heat

 Ch-10 Soil

1. Take two leaves where one is coated with Vaseline but other without Vaseline and leave them for two weeks. Record your observations and draw a conclusion on that basis.
2. Compare the clinical and laboratory thermometer by measuring temperature of an object.

**I TERM**

 Ch-1 Nutrition in living organisms-Plants

Ch- 5 Heat

 Ch-10 Soil

Ch-2 Nutrition in living organisms-Animals and man

 Ch-6 Motion and Time

Ch-3 Chemical substances and processes

Ch-7 Respiration in Plants and animals ,

 Ch-11 Electric charges at rest ,

Ch-16 Water

**II PERIODIC TEST**

Ch-8 Transportation in plants and animals.

 Ch-12 Light

 Ch-4 Acids , bases and salts

1. Case study:

Collect the information about the people who are living in conditions of scarcity of water that how they are using water judiciously.

Also note various kind of water resource exist naturally in different regions and variation of water availability in different regions.

Mark these points in map.

2. Make an indicator using turmeric by putting its thick paste on a piece of cloth. Observe the colourchange :

1. By putting lemon juice on it.
2. By putting soap solution on it.

**FINAL TERM**

Ch-1 Nutrition in living organisms-Plants

Ch-2 Nutrition in living organisms-Animals and man

Ch-3 Chemical substances and processes

Ch-4 Acids , bases and salts

Ch- 5 Heat

Ch-6 Motion and Time

Ch-7 Respiration in Plants and animals ,

 Ch-8 Transportation in plants and animals.

Ch-9 Reproduction in plants

Ch-10 Soil

Ch-11 Electric charges at rest ,

Ch-12 Light

Ch-13 Weather , Climate and Adaptation

Ch-14 Fabric from fibres

 Ch-15 Forest

 Ch-16 Water

 Ch-17 Electric current and its effects

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**SOCIAL SCIENCE**

**Periodic Test 1**

Ch-1 Components of Environment

Ch-2 The Earth and the changes on it

Ch-9 Medieval Period
Ch-10 The Rise of Small Kingdoms in North India

Ch-18 Democracy and Equality

 **Term -I**

Ch-3 The Surface and Interior of the Earth

Ch-4 Air Around us

Ch-5 Water Surrounding the Earth

Ch-11The rise of Small Kingdoms in South India

Ch-12 Turkish Invasions in North India

Ch-13Delhi Sultanate

Ch-19 Our State Governments

Ch-20 Media- The mainstay of Democracy

***All the chapters of Periodic Test 1***

**Periodic Test II**

Ch-6 Life On Earth

Ch-7 Human Environment

Ch-14 Regional Powers

Ch-17Major Religions

Ch-21 Advertising and Democracy

Ch-22 Unpacking Gender

**Final Term**

Ch-1 Components of Environment

Ch-2 The Earth and the changes on it

Ch-3The Surface and Interior of the Earth

Ch-4 Air Around us

Ch-5 Water surrounding the Earth

Ch-6 Life On Earth

Ch-7 Human Environment

Ch-8 Land and the People

Ch-9 Medieval Period

 Ch-10 The rise of Small kingdoms in North India

Ch-11 The rise of Small Kingdoms in South India

Ch-12 Turkish Invasions in North India

 Ch-13 Delhi Sultanates

Ch-14Regional Powers

Ch-15 The Mughal Empire

Ch-16 Emergence of independent state

Ch-17Major Religions

Ch-18 Democracy and Equality

Ch-19 Our state Governments

Ch-20 Media- The mainstay of Democracy

Ch-21 Advertising and Democracy

Ch-22 Unpacking Gender

Ch-23 Market Around Us

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**COMPUTER SCIENCE**

**First Term**

1. Evolution of Computers
2. Scratch-I
3. Scratch-II
4. Basic of Internet

Activity:-

1. Prepare a flowchart about different generations of computer.
2. Make any advertisement on Scratch

**FINAL TERM**

1. Introduction to GIMP
2. GIMP tools
3. Advanced GIMP
4. Internet & web services

Activity :-

1. Create GIMP galaxy using different tools.
2. Make a list of different service providers and their plan

**GENERAL KNOWLEDGE**

 **TERM-I TERM-II**

LANGUAGE AND LITERATURE Pg No-1-7 Pg No- 8-14

ENVIRONMENT AROUND Pg No-17-24 Pg No-18-31

WORLD AROUND Pg No- 33-39 Pg No- 40-46

ART & CULTURE Pg No-48-54 Pg No- 55-61

MATH MAGIC Pg No- 63- 71 Pg No- 73-79

SPORTS & GAMES Pg No-81- 87 Pg No- 88-96

**ART**

 **I Term**

 Step by Step Book Pencil Shading-ColourMixing ,Follage Study - Shading &Colour Flower Study-Shading &Colour, Tree Study –Pencil Shading Tree Study -Colour Mixing, Hut Study- Elephant Study Goat Study-Domestic Animal, Domestic Animal in Colour Human Figure –Shading Human Figure Sketches-Colour

**Final Term**

 Composition-Perspective Tree, Perspective Hut-Composition Village –Composition in shading, Village –Composition in colour Potter Scene, Garden Scene Composition Cityscape Composition, Sketches Illustrations,Poster Design

**हिन्दी**

**आवधिकपरीक्षा -**१

पुस्तक-- ज्ञान-सागर

पाठ -१-- बारहमासा ( कविता )

पाठ -२ --नाटकमेंनाटक

पाठ -३-- निर्मला ,साँपऔरसयाल

अभ्याससागर: पृष्ठ-- १से१९तक।

व्याकरण --: भाषा -विचार,वर्ण-विचार,संयुक्तव्यंजन,दवित्वव्यंजन,अनुस्वारऔरअनुनासिक,

मुहावरेसंज्ञाऔरउसकेभेदअनुच्छेद ,अपठितगद्यांश.चित्रवर्णन

**प्रथमसत्र**

 पाठ -४- बातूनी

 पाठ -६-समय( कविता )

पाठ -७-स्कूलकीछुट्टियाँ

पाठ -८-- एवरेस्टकीचुनौती

 पाठ -९-सवालकाजवाब

 अभ्यास- सागर--: पृष्ठ-- १से५६तक

 व्याकरण --: सर्वनाम ,विशेषण,क्रिया,विसर्गचिह्न, विरामचिह्न ,उपसर्गप्रत्यय,

 वाक्यांशकेलिएएकशब्द, विपरीतशब्द, पर्यायवाचीशब्द,पठितगद्यांश, पठितकाव्यांश

 अनुच्छेद ,अपठितगद्यांश, अपठितकाव्यांश, पत्र, सूचनालेखन, पोस्टर।

 **गतिविधियाँ** --- पाठयक्रमकेपाठोंसेसंबंधितकरवाईजाएँगी।

 **प्रथमसत्र की परीक्षा में आवधिक परीक्षा - १ कापाठयक्रम भी आएगा।**

**आवधिकपरीक्षा -**२

पुस्तक-- ज्ञान-सागर

 पाठ -११--उसरातकीबात

पाठ -१२- दोहे

 पाठ --१३ -साहसकोसलाम

अभ्यास- सागर--: पृष्ठ-- ५७से७४तक

व्याकरण --: काल, क्रियाविशेषण,विज्ञापन ,कहानीलेखन ,अपठितगद्यांश , पत्र।

**वार्षिकपरीक्षा**

पुस्तक-- ज्ञान-सागर

पाठ -१५--:अन्नदाताकृषक

पाठ --१६ :देशभक्तपुरू

 पाठ -१७-- काकी

पाठ -१८-- बाल-लीलाऔरकुडलियाँ

पाठ -१९-- गणेशोत्सव

पाठ -२०-- कर्मवीर

अभ्यास- सागर--: पृष्ठ-- १से११२तक

व्याकरण --:शब्दभेद- (रूढ़, यौगिक, योगरूढ़) ( तत्समतदभवदेशजआगत )

समुच्चयबोधकअव्यय,अनुप्रासअलंकार, विरामचिह्न, संधि, संधि-विच्छेद,

कारकचिह्न,वाक्यांशकेलिएएकशब्द, विपरीतशब्द, पर्यायवाचीशब्द, मुहावरे

अनुच्छेद ,पत्र , अपठितगद्यांश, अपठितकाव्यांश,पठितगद्यांश, पठितकाव्यांश,संवादलेखन,

ई-मेल।

**गतिविधियाँ** --- पाठयक्रमकेपाठोंसेसंबंधितकरवाईजाएँगी।

**नोट –**

**वार्षिक परीक्षा में आवधिक परीक्षा - १ ,२ और प्रथम सत्र का पाठ्यक्रम भी आएगा।**

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**संस्कृतम्**

**प्रथम आवधिक परीक्षा**

पाठ – 1-2

व्याकरणम् - शब्दरुपाणिप्रयोगाः(बाल,फ़ल,लता,तत्,किम्), उपपदविभक्तिः(द्वितीया), धातुरुपाणि-पठ्,स्था,गम्,भ्रम्,पा,नृत्(लट्,लङ्लकारे),उपसर्गाः,प्रत्यय(क्त्वा), अव्यय,संख्या 1-20, अनुवाद(कर्ता-क्रिया)।

**प्रथमसत्रीय/द्वितीयआवधिक**

पाठ – 1-5

व्याकरणम्- शब्दरुपाणि(एतत्,अस्मद,युष्मद्), उपपद्विभक्तिः(तृतीया), धातुरुपाणि (लङ्,लृट्,लट्लकारे), प्रत्यय(क्त्वा,ल्यप्),संधि(दीर्घ), उपसर्गाः, संख्या1-30, 1-2 त्रिषुलिङ्गेषु, वर्णसंयोजनम्-विच्छेदनंच, संस्कृतअनुवाद(कर्ता-क्रिया), अपठितअनुच्छेद,चित्रवर्णन,पत्रलेखन, पठितअवबोधनम्, श्लोक,संवाद,प्रश्न-निर्माण, कथाक्रम,शब्दार्थ-मेलनम्।

**तृतीय आवधिक**

पाठ 6-7

व्याकरणम्- शब्दरुपाणिप्रयोगाः(मुनि),उपपदविभक्तिः (चतुर्थी),धातुरुपाणि(लोटलकारे)उपसर्गाः,प्रत्यय(तुमुन्,ल्यप्), अव्यय,संख्या 30-40, संधिगुण,3-4 त्रिषुलिङ्गेषु, अनुवाद।

**द्वितीयसत्रीय/वार्षिक**

पाठ 1-10

व्याकरणम्- शब्दरुपाणि(मुनि,मति,साधु),उपपद्विभक्तिः(पञ्चमी),धातुरुपाणि(लङ्,लृट्,लट्,लोट्,विधिलिङ्लकारे), उपसर्गाः,प्रत्यय(तुमुन्), संख्या 1-50, 3-4 पत्र(अनौपचारिक)अनुवाद। (सम्पूर्णवर्षस्यव्याकरणम्अपिसम्मिलितंअस्ति।)

**नैतिक - शिक्षा**

१- संकलनात्मकमूल्यांकन -१ - १से१०तक , कहानी , मन्त्रादि।

२- संकलनात्मकमूल्यांकन - २ - ११से२०तक , कहानी , मन्त्रादि।

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