

CH. Baldev Singh Model School

Syllabus (Session 2019-20)

Class-VII

Computer

UT-1

L-1 Computer language & Number system

L-2 Formulas and Function in excel

[First term exams]

L-1 to 5

L-3 Charts in Excel

L-4 Advanced features in excel

L-5 Introduction to above flash

Activity- Lab programming in excel

UT-2

L-6 More on flash

L-7 More on HTML

Activity- Lab programming in HTML, Flash

[Second term exams]

L-6 to 10

L-8 Programming in Python

L-9 Internet : Social Networking and E-commerce

L-10 Latest Trends

Activity- Lab programming in python.

M.Sc.

UT-1

Ch-1 Being courageous

Ch-2 Think before you speak

Activity- Lord Buddha also emphasized speaking politely collect information about Lord Buddha's opinion on this topic.

SA-1

Ch-3 Keep your promise

Ch-4 Self- control

UT-1 (Include)

Activity- Write three ways through which we can overcome our anger.

UT-2

Ch-5 Our home is our heaven

Ch-6 Being attentive

Activity- Write a speech on the following topic. "The era of Joint family is returning".

SA-2

Ch-7 Life is meant for Action

Ch-8 Love for nature

UT-2 (Include)

Activity- Make a suitable poster to make people of the world aware of environmental issues. Also mention some catchy slogans.

Maths:

Periodic test -1

Ch:1- Integers

Ch:2- Fractions

Activity: To find the product of two decimal using a squared paper by shading the squares (ch-3)

SA:1 (Half yearly)(September)

Ch:2 (Fractions), Ch:3 (Decimals)

Ch:4 (Rational numbers)

Ch:6 (Algebraic expressions)

Ch:7 (Simple equations)

Ch:10 (Lines and angles)

Ch:9 (Percentage and its applications)

Ch:17 (Data handling)

Periodic test-2

Ch:5 Exponents and powers

Ch:7 Simple equations

Periodic test-3 (December)

Ch:8 Proportion and unitary method

Ch:11 The triangle and its proportions

Ch:12 Symmetry

Activity: Drawing cubes and cuboids of different dimensions. (Ch:13)

SA-2 (Final exam)

Ch:7 (Simple equations)

Ch:11 (Triangle and its proportions)

Ch:13 (Visualizing solid shapes)

Ch:14 (Practical geometry)

CH:15 (Congruence of triangles)

Ch:16 (Perimeter and area)

Repeated chapters from sa:1

Ch:4 (Rational numbers)

Ch:17 (Data handling)

Science

First Term

Chapter-1. Nutrition in plants.

Activity- To grow fungus.

Chapter-2. Nutrition in animals.

Activity- To study the effect of saliva on starch.

Chapter-4. Heat

Activity- To show/ demonstrate the conduction of heat.

Chapter-7. Weather, climate & adaption of animals to climate.

Activity- Record maximum & minimum temperature for a week & plot graph based on it.

Chapter-9. Soil.

Activity- To demonstrate that soil absorbs water.

Chapter-10. Respiration in organisms.

Activity- To show that CO₂ is produced during respiration.

Chapter-13. Motion & time

Activity- To demonstrate the time period of a pendulum.

Chapter-16. Water : a precious resources

Activity- Prepare a presentation on importance of water for human life.

Chapter-17. Forest : our life line.

Activity- Prepare different types of food chains & food web.

UT –TERM -1

Chapter-1. Nutrition in plant

Chapter-7. Weather, climate & adaption of animals to climate.

TERM -2

Chapter-3. Fibre to fabric

Activity- Collect different types of fabric & paste in a scrap book.

Chapter-5. Acids, Bases & salts.

Activity- To test presence of acid & bases in a substance by litmus paper.

Chapter-6. Physical & chemical changes

Activity- To demonstrate the reaction between the baking soda & vinegar.

Chapter-8. Winds, storms & cyclones.

Activity- To demonstrate the warm air rises up words.

Chapter-11. Transport in animals & plants.

Activity- To show the transport of water from cell to cell in a potato.

Chapter-12. Reproduction in plants.

Activity- To demonstration the parts of a flower.

Chapter-14. Electric current & its effects.

Activity- Make an electric circuit.

Chapter-15. Light

Activity- To show the image formed by concave mirror.

Chapter-18. Waste water story.

Activity- To demonstration an activity for treatment of polluted water.

UT TERM-2

Chapter-3. Fibres to fabric.

Chapter-6. Physical & chemical changes

Chapter-11. Transport in animals & plants.

FROM TERM-1

Chapter-9. Soil.

Chapter-10. Respiration in organisms.

English:

UT-1

Reader : Foolish questions (Poem)

Henry : A chameleon
Packing for the journey

Grammar: Kinds of nouns
Countable and uncountable nouns
Model verbs

Activity : Work in pairs. Imagine that one of you is Henry, the chameleon. You are talking about your encounter with Mrs. Ghosh to another chameleon. Role play the incident.

SA-1

Reader : My mother saw a dancing bear (Peon)
Where the mind is without fear (Peon)
Helping Hands
The world in a wall
Emperor Akbar and the sadhu
Saving my friend, Ellen

Grammar : Adjectives
Degree of comparison
Use of articles
Phrases and sentences
Framing Questions
Subject- Verb Agreement
The simple and the continuous tenses
The present and past perfect tenses
Active and passive voice

Activity : Make a poster on 'Kindness to Animals'.
Imagine that you are Ellen, write a letter to your mother telling her about your experiences of the night on which the soldiers visited you and how you were saved by the Johansens.

Comprehensive: Unseen passages

Composition : Essay, letters

UT-2

Reader : Exactly Right (Poem)
The Listeners (Poem)
Understanding Adolescence
Living with Beeji

Grammar : Question Tags
Relative Pronouns
The Future Tense
If- Clause

Activity: Write six pairs of rhyming words from the poem. Add another rhyming word of your own.

Discussing favorite dishes.

SA-2

Reader : Hints on Pronunciation for foreigners
The ghost of Christmas yet to come
Sir Lawley's Ghost
Apologize!
On Being Sarah

Grammar : Adverbs
The present perfect continuous yet to come
Non- Finites : Infinitives
Participles
Gerunds
Prepositions

Conjunctions
Direct and Indirect speech
Punctuation

Activity : (1) Describing an incident
(2) Framing questions for an interview
(3) Vocabulary building, completing a mind-map.

Comprehensive: Unseen passages

Composition : E-mail, letters, Invitation, Paragraph.

Drawing

- UT-1 :**
- | | |
|---|--------------------------|
| 1. Colour theory – a general Introduction | 2. Cute cartoons |
| 3. Camel in desert | 4. Portrait of Meera Bai |
| 5. Tribal women | 6. Animals |
| 7. Lanterns | |
- SA-1 :**
- | | |
|----------------------|---------------------------|
| 1. Human Eyes | 2. Human Lips and Nose |
| 3. Human ears | 4. Construction of a face |
| 5. Human Hand | 6. Human Leg |
| 7. Still Life object | 8. Portrait making |
| 9. Anatomy of Horse | 10. Outdoor Study |
- UT-2 :**
- | | |
|--------------------------------|-------------------|
| 1. Famous chitramayee painting | 2. Face of a Girl |
| 3. Flowers | 4. Trees |
| 5. Wind mill | 6. Scooter |
| 7. Car | |
- SA-2 :**
- | | |
|------------------------------------|--------------------------|
| 1. Classical dance | 2. Cartoon Girl |
| 3. Spray painting using toothbrush | 4. Birds |
| 5. Fun with outdoor study | 6. Landscapes |
| 7. Cartoon characters | 8. Beautiful little girl |
| 9. Flower (Ice cream stick) | |

हिंदी (अप्रैल से सितम्बर)

मधुपः

- | | |
|-------------------------------|-------------------------|
| १. जागरण गीत | २. हंस और कौआ |
| ३. तारों की दुनिया में | ४. मन जीते जग जीत |
| ५. नाम की इच्छा | ६. पहले अपना अध्ययन करो |
| ७. हवेन सांग स्मृति संग्रहालय | ८. आम और गालिब |
| ९. विश्वराज | |

कृतिका हिन्दी व्याकरण

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|---------------------------|---------------|
| १. भाषा, लिपि एवं व्याकरण | २. वर्ण विचार |
|---------------------------|---------------|

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|------------------|-------------------------------------|
| ३. शब्द विचार | ४. संज्ञा |
| ५. लिंग | ६. वचन |
| ७. कारक | ८. सर्वनाम |
| ९. विशेषण | १०. क्रिया |
| ११. काल | १२. वाच्य |
| १३. अविकारी शब्द | १४. संबंध बोधक संवाद लेखन, विज्ञापन |

लेखन पत्र, निबंध

यूनिट टैस्ट-१ जागरण गीत हंस और कौआ

व्याकरण - भाषा, लिपि एवं व्याकरण, वर्ण-विचार

क्रिया कलाप -१. जागरण गीत की १० पक्तियां चार्ट पेपर पर लिख कर कक्षा में लगाओ (पाठ-१ से)

२. पाठ ८ से आम और गालिब का चित्र चार्ट पर बना कर १० प्रकार के आमों के नाम लिखो।
३. विशेषण भेद का चार्ट बनाइए।

मधुप रीडर (अक्टूबर से मार्च)

- | | |
|----------------------------|------------------------------------|
| १०. रंगोली | ११. रक्त चंदन |
| १२. आर्ट का पुल | १३. आप भले तो जग भला |
| १४. जीवन सत्य | १५. इस्तीफा |
| १६. सिनेमा का स्वपन लोक | १७. बापू के पत्र : मीरा बेन के नाम |
| १८. तुम्ही मिटाओ मेरी उलझन | |

कृतिका हिंदी व्याकरण

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|--|----------------------------|
| १५. समुच्चय बोधक | १६. विस्मयादि बोधक |
| १७. पर्यायवाची | १८. विलोम शब्द |
| १९. अनेक शब्दों के लिए एक शब्द | २०. समरूपी भिन्नार्थक शब्द |
| २१. अनेकार्थी शब्द | २२. उपसर्ग |
| २३. प्रत्यय | २४. समास |
| २५. संधि | २६. वाक्य |
| २७. शुद्ध -अशुद्ध वाक्य | २८. मुहावरे लोकोत्तियाँ |
| २९. विराम चिह्न अनुच्छेद, अपठित, पत्र, निबंध | |

यूनिट टैस्ट -२ रंगोली, रक्त चंदन, आर्ट का पुल

व्याकरण - समुच्चय बोधक, विस्मयादि बोधक पर्यायवाची

क्रिया कलाप -१. (पाठ १०. रंगोली से) अपने मन पसंद की रंगोली चार्ट पर बनाओ और रंगोली का प्रयोग किन-किन मौकों पर किया जाता है।

२. पाठ-११. से रक्त चंदन वीरता प्रेरक किसी व्यक्ति जैसे- शिवजी या लक्ष्मी वाई का पोस्टर कक्षा के लिए बनाइए ।
३. विराम चिह्न की तालिका- चार्ट पर बनाइए ।

संस्कृत

अर्द्ध वार्षिक

प्रथम इकाई परीक्षा

- पाठ -१ विद्वान सर्वत्र पूज्यते
पाठ -२ मम परिवारः (लट् लकार)
पाठ ३- दीपोत्सवः (लट् लकार)

प्रथम सत्र -

- पाठ ४- सर्वनाम प्रयोगः
पाठ ५- लङ् लकार प्रथम पुरुष एकवचन
पाठ ६- लङ् लकार प्रथम पुरुष द्विवचन
पाठ -७ लङ् लकार प्रथम पुरुष बहुवचन
पाठ ८- लङ् लकार मध्यम पुरुष (तीनों वचन)

व्याकरणम् -

- संख्या (१ ऐ २०)
उप पद विभक्ति, अपठित, अवबोधनम्
संवाद- लेखनम्
शब्द रूप - देव, मुनि, साधु, लता, मति, नदी, तत् (तीनों लिंगों में)
धातु रूप - पठ, स्था, कृ, गम्, पा
(लट्, लङ्, और लृट् लकार में)

अनुच्छेद लेखनम् - अस्माकं ग्रामः, वसन्तर्तुः,

वार्षिक

द्वितीय इकाई परीक्षा

- पाठ - ९. लङ् लकार उत्तम पुरुष (तीनों वचनों में)
पाठ - १०. सुभाषितानि
पाठ - ११. लोट् लकार

द्वितीय सत्र-

- पाठ -१२. त्यज दुर्जन - संसर्गम्
पाठ -१३. अव्यय प्रयोगः
पाठ -१४. वृक्षेभ्यः नमः
पाठ -१५. व्याघ्र - ब्रह्मण कथा (वत्वा, ल्यप, तुमुन प्रत्यय)
पाठ -१६. नीतिश्लोकाः

व्याकरण-

कः समयः (घटिका), अपठित अवबोधनम्
शब्द रूप - फल, धेनु, अस्मद् युष्मद्
किम् (तीनो लिंगों में) यत् (तीनो लिंगों में)

धातु रूप - नम्, दृश्, अस्, गम्
(लोट् एवं विधि लिङ्. लकार में)
जानवरों के नाम, अव्यय प्रयोगः

अनुच्छेद लेखनम्

प्रथम सत्र से ३० %
पाठ -७ लङ्. लकार प्रथम पुरुष बहुवचन
पाठ ८- लङ्. लकार मध्यम पुरुष (तीनो वचन)

अनुच्छेद लेखनम् - गंगा नदी, संस्कृतभाषायाः महत्त्वम्, पत्र लेखनम्

Social Science (First Term)

• April to May

History:

- (1) Tracing changes through a thousand years
- (2) New kings and kingdoms
- (3) The Sultans of Delhi

Activity: - Collect pictures coins, and other things about the history of medieval India make a list of the things collected social and political life

- (1) Democracy
- (2) Equality in Democracy

Chart (Draw 2 Write) Preamble of the our constitution

Geography:

- (1) Our Environment
- (2) Interior of the earth
- (3) Our changing earth

Activity : - Prepare a list of number of objects used in your home that are made up of different Minerals.

Periodical test based on History on 1 to 3 Social and political life Ch-1,2, Geography CH-1 to 3

July to August

History : -

- (4) The Mughal Empire
- (5) Architecture in the medieval period

Project work study the plan of a temple in chapter-5 and find out how is a building Constructed faster to day.

Social and political life

- (3) The State Government
- (4) The Role of the State government

Geography

- (4) Atmosphere (Air)
- (5) Weather and Climate
- (6) Hydrosphere (Water)

- Test Paper based on History CH-1to5 Social and political life Ch. 1 to 4 Geography Ch. To 6

Final Term

October to November

History:

- (6) Towns , Traders and Crafts men.
- (7) Mobile and settled communities
- (8) Religious developments in the medieval Period

- Social and political life
 - (5) Media and democracy
 - (6) Advertising
 - (7) Social aspects of Gender Role

Activity : - Cut and paste in your note book any two of your favorite advertisements from the Newspaper.

Geography

- (7) Natural vegetation and wild life
- (8) Human environment Settlement , transport and Communication
- (9) Human environment interaction

Periodic test based on history CH-6 to 8 , Social and Political ch.5 to 7 Geography CH,7,8,9

December to January

- (9) Development of Region cultures
- (10) Political Formation in the Eighteen Century

Activity –Prepare a Chronology of event from the period AD 1707 to 1756 in India

Social And Political Life

- (8) Economic Aspects of Gender Role
- (9) Markets Around Us
- (10) A chain of Markets

Geography

- (10) Life in temperate Grasslands
- (11) Life in the Hot And Cold Desert

Assignment:- Write note of Globalization (250 Words)

Test paper Based on History CH-6 to 10 Social and political life CH. 5 to 10 Geography CH. 7 to 11 +20% 1st term Syllabus

- **(February (Revise all Syllabus done by October)
Map list (India Political)**

1. India in the middle of provinces of
2. the Delhi sultanate
3. Map of early medieval India
4. The chola kingdom and its neighbors
5. Major sultanate cities of Delhi In 13,14 Centuries

6. Important centers of trade and artisanal production
7. Location of the major Indian tribes
8. Major Bhakri saints and the regions associated with them
9. State formation in the eighteenth century ad
10. British territories in the mid – eightieth century
11. Transport major National Highways

Map Of world political

1. Showing Plates Major seas , Lakes , Rivers and oceans
2. Ocean Currents
3. Natural Vegetation
4. Major Sea Routes , Ports Air Routes
5. Tropical Regions
6. Amazon Basin
7. Ganga Brahma Putra Plains
8. Sahara Desert in South Africa
9. Ladakh regions in Jammu And Kashmir

GENERAL KNOWLEDGE

UT-1

DISCOVER INDIA

- | | |
|----------------------------------|-------------------------|
| 1. Handicraft of North India | (Pages)
(4-5) |
| 2. Young Entrepreneurs | (6) |
| 3. Great Founders | (7) |
| 4. Traditional Art Form Of India | (8-9) |
| 5. About Punjabi and Haryana | (10-11) |
| 6. Union Territories | (12-13) |

WORLD AROUND US

- | | |
|----------------------------------|---------|
| 7. Airlines and their Logos | (14) |
| 8. Well-known Structures | (15) |
| 9. Flower Festivals of the World | (16-17) |
| 10. Traditional Costumes | (18-19) |

SA-1

- | | |
|--------------------------------|------|
| 11. Top 10 Brads in 2018 | (20) |
| 12. Father of..... | (21) |
| 13. Agencies of United Nations | (22) |

OUR ENVIRONMENT

- | | |
|---------------------------------------|---------|
| 14. Segregation of Waste | (23) |
| 15. Proper Disposal of Waste | (24-25) |
| 16. My Clean and Green World | (26-27) |
| 17. Conservation Movements and Groups | (28-29) |
| 18. Environment Calendar | (30) |

ANIMALS AND PLANTS

19. Turtle Haven	(31)
20. Amazing World of Birds	(32-33)
21. Form Antarctica	(34-35)
22. Medicinal Leaves	(36)
Stop, Check and Go-1	(37-38)
MEMORY GAME	
23. Game 1	(39)
I.Q CHALLENGES	
24. I.Q Challenge	(40)
QUIZZES	
25. Quiz 1	(41)
LIFE SKILLS	
26. Be a Smart Child	(42-43)
27. Know Your Train Ticket	(44-45)
UT-2	
28. Yoga For Kids	(46)
LANGUAGE AND LITERATURE	
29. Interesting to Read	(47)
30. Wit 'N' Wisdom	(48)
31. Famous Autobiographies	(49)
SPORTS AND ENTERTAINMENT	
32. Olympic Medalists of India	(50-51)
33. World's Famous Sportspersons	(52-53)
34. Indian Sports	(54-55)
35. Movies Magic	(56)
36. World's Impressive Stadiums	(57)
37. When Sportspersons Write...	(58)
38. Different Games	(59)
SCIENCE AND TECHNOLOGY	
39. About DRDO	(60-61)
40. Technical Terms	(62-63)
SA-2	
41. Knows Your Planets	(64-65)
42. IT Sector	(66)
Stop, Check and Go-2	(67-68)
MEMORY GAMES	
43. Game 2	(69)
I.Q. CHALLENGES	
44. I,Q, Challenge -2	(70)
QUIZZES	
45. Quiz 2	(71)
AMAZING TO KNOW	

46. Amazing Facts	(72-73)
WORLD RECORDS	
47. World Records	(74-75)
SOFT SKILLS	
48. Building Rapport	(76-77)
49. I am a Good Listener	(78-79)
NEW VISTAS	
50. The Indian Army	(80-82)
51. Doorways to Careers in Entertainment	(83-84)
INITIATIVES BY THE UNION GOVERNMENT	
52. New Government Programs and Policies	(85-86)
CURRENT EVENTS 2018	(87-94)
Answers	(95-96)