

CH. BALDEV SINGH MODEL SCHOOL

HOLIDAY'S HOMEWORK 2020-21

Class VIII

ENGLISH

Text Book

Ch. 1 The Four Dragons

- Read the chapter carefully and find out hard words, also find their Hindi, and English to English meaning
- Answer all the given Questions [Pg.9Q no.(B)]

Ch. 2 Gems of the sea

- Read the chapter carefully, check pronunciation and find meanings of hard words that you encounter while reading.
- Answer all the given questions [Page. 15, Q no (B)]

Ch. 3 To Autumn

- Make a beautiful chart of the poem "To Autumn" with paint and brush.
- Answer the questions [given in the page no. 20]

Grammar

Reading Skill

- Read seen paragraphs (at least two from all three given chapters) carefully and make five questions each on it from all the read-out paragraphs.
- Translate poem "The Autumn" into Hindi.
- Make the meaningful Summary of "Gems of the Sea" or "The Four Dragons."

Writing Skills

- Write a letter to the principal for approval for commencing the Tree Planting Project mentioning the benefits.
- Write a letter to the principal for leave on behalf of sudden death of a family member.
- Write a letter to the editor of the local daily newspaper expressing the need for compulsory games and sports to be included in the school curriculum. You are Deepti Nagar from Prem Nagar.
- Write a horror story beginning with the sentences given below:
It was dark winter night. A man was walking hurriedly down the street. His head was covered and no one could see his face.....

Functional Grammar

- Learn and write rules (of using in a sentence), definitions of different determiners.
- Solve exercise (Pg.no 13, 15, 16 and 17)
- Learn and write the verbs with exercise Chapter No. 2 and 3.
- Define Tenses and their parts.
- Explain rules regarding Tenses properly.
- Solve exercise [Page no. 26, 28, 30, 31, 35, 38, 41 and 45.]
- What is Active and passive voice? Explain with examples.
- Write rules regarding Active to Passive.
- Solve exercise (page no -70).
- Define Adverb, preposition and Conjunction.

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- Explain kinds of Adverb, kinds of Preposition and kinds of Conjunction with examples.
- Solve Exercise (Page no. 73, 78, 84, 85, 87, 93.)

Hindi

रचनात्मक कार्य

1. समाज में सांप्रदायिक सद्भाव बनाए रखने के लिए अपना योगदान किस प्रकार दे सकते हैं? अपने शब्दों में लिखिए।
2. सांप्रदायिकता से क्या क्या हानियां होती हैं? हमारी समाज में यह क्यों बढ़ती जा रही है? इससे संबंधित अनुच्छेद लिखिए।
3. 'निराशा-सफलता के मार्ग की बाधा'विषय पर एक अनुच्छेद लिखिए।
4. भारत का मानचित्र बनाकर सभी राज्यों के नाम लिखें। साथ ही संविधान की आठवीं अनुसूची में मान्यता प्राप्त भाषाओं को संबंधित राज्य में लिखिए।
5. **हसव** और दीर्घ स्वरों से शुरू होने वाले फलों और सब्जियों के नामों की एक सूची तैयार कीजिए।
6. सुबह योगाभ्यास से होने वाले लाभों पर दो मित्रों की बातचीत को संवाद रूप में लिखिए।
7. आपके शहर में 'कदम'जूतों का एक नया शोरूम खुला है। उसके लिए एक आकर्षक विज्ञापन तैयार कीजिए।
8. मानव जाति के विकास में नदियों का महत्वपूर्ण योगदान रहा है, किंतु वर्तमान समय में मनुष्य नदियों के प्रति अपने कर्तव्य को भूलता जा रहा है। आपके अनुसार

नदियों की स्वच्छता व सुरक्षा को बनाए रखने हेतु क्या-क्या कार्य किए जाने चाहिए? इस विषय पर 100 शब्दों में अपने विचार लिखिए।

भाषा कौशल

1. निम्नलिखित वाक्यों में आय संज्ञा शब्द **छांट कर** उनका भेद भी लिखिए।
 - वह पूरब में क्यों नहीं रहता है? _____
 - सुभान खान बड़े जोर से हंस पड़ा। _____
 - वे मुझे अपने गांव ले गए। _____
 - मुझे उनका आतिथ्य सत्कार याद है। _____
 2. निम्नलिखित शब्दों के दो-दो पर्यायवाची शब्द लिखिए।
 - आंख रात
 - दिवस उपवन
 3. निम्नलिखित शब्दों का वर्ण विच्छेद कीजिए:
 - सुनहरी मस्जिद
 - सत्कार पंचायत
 4. निम्नलिखित शब्दों के बहुवचन लिखिए:
 - इमारत छुट्टी
 - मिठाई अखाड़ा
 5. निम्नलिखित भाषाओं की लिपियां लिखें।
 - संस्कृत, तमिल, मराठी, उर्दू, पंजाबी, जर्मन
- लेखन कौशल**
1. 'अनुशासन का महत्व' विषय पर अनुच्छेद लिखिए।

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2. 'अनेकता में एकता': भारत की विशेषता विषय पर अनुच्छेद लिखिए।
3. समानता के अधिकार के प्रति जागरूकता हेतु हिंदू समाचार पत्र के संपादक को पत्र लिखिए।
4. क्षेत्र के स्वास्थ्य अधिकारी को अपने क्षेत्र की समुचित सफाई की व्यवस्था करने के लिए पत्र लिखिए।
 - हिंदी पाठ्यपुस्तक (आकांक्षा) पाठ 1 व 2 के शब्दार्थ, प्रश्न उत्तर एवं अभ्यास कार्य लिखें वह याद करें।
 - हिंदी व्याकरण एवं रचना पाठ 1 व 2 का अभ्यास कार्य एवं प्रश्न उत्तर लिखें वह याद करें।
(नोट: उपर्युक्त कार्य हिंदी की अलग उत्तर पुस्तिका में करें)

S.S.T (Social Studies)

Note-Bring a thick register and divided it into three parts and cover it

1st Part :- History

2nd Part- Geo

3rd Part- Civics (Political and Social Life)

History

- Learn and Revise chapter-1 and Complete it in your social science notebook
- Do important terms, Revision flow chart and Book example chapter-2 (P.no.27,28,29) (don't do value added question)

Project file work:

- Make a project showing the major social and culture changes that took place under the British rule in India.
- Collect information about a historical monument and prepare a report on it.
- List all the policies of east India company

Map Skill

- On an outline map of India (political) name and locate three territories each, which were annexed under "Doctrine of lapse" and the subsidiary alliance.

Geography

- Learn and Revise chapter-1
- Computer chapter-1 in your social science note book
- Do important terms, Revision flow chart and book example of ch-2 pages no.153 154, 155, 156, (Don't do activity corner)
- Make a poster to show conservation of energy and water resources.
- Find out the names of the endangered Species of animal in India declared by the international Union for the conservation of nature and natural resources

Map Skill

On an map of India (Outline political) marks and name any four important bio-reserves in the country.

- Gulf of manner
- Sundarbans
- Nanda Devi
- Nokrek

CIVICS (Political and Social Life)

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- Learn and Revise chapter-1.
- Do important terms Revision Flowchart and book example of chapter-1 (P.no. 235) 236,237)
- Collect information on the steps taken by the government to uplift the economically weaker and socially. backward section of the society.
- List the Fundamental Rights.
- Collect pictures of the members of the drafting committee and paste them in your scrap book .

PROTOCOLS OF HOME EXIT (For your hygiene)

- When you go out, wear a long- sleeves jacket .
- Put your hair up, Don't Wear earring, bracelets or rings.
- If you have mask put it on at the end just before leaving.
- Take disposable cloths, use them to cover your fingers when touching surface
- Try not to pay in cash, if you use cash disinfect your hands.
- Washing your hands after touching any object.
- Don't touch your face until you have been hands.
- Stay away from people .

PROTOCOLS OF HOME ENTRY (For your hygiene)

- When you retake home, try not to touch anything.
- Take off your shoes .
- Take off your outer Clothing and put it in a laundry bag.
- Leave bag, wallet, Keys etc. in box in the entrance.
- Shower or if you can't wash all exposed areas well.
- Clean your phone and glasses with soap and water or alcohol.
- Take off your gloves carefully.

Note- solve the following worksheets with the help of concern textbook

Worksheet 1 Chapter-microorganism: friend and foe

Tick the correct answer

1. Spirogyra is
I. An algae
II. A fungi
III. A protozoa
IV. A bacteria
2. Vaccine for small pox is discovered by
I. Louis Pasteur
II. Alexander Fleming
III. Edward Jenner
IV. John Mendal
3. Amount of nitrogen in the atmosphere is
I. 58%
II. 68%
III. 78%
IV. 88%
4. Mushroom belongs to
I. Algae
II. Virus
III. Fungi
IV. None of these
5. Amoeba belongs to
I. Algae
II. Fungi
III. Protozoa
IV. Virus

Science

NOTE: DO ALL WRITTEN WORK IN SEPARATE NOTEBOOK.

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6. Scientist who discovered fermentation is

- | | |
|----------------------|-------------------|
| I. Alexander Fleming | II. Louis Pasteur |
| III. John Mendal | IV. Edward Jenner |

7. Rhizobium bacteria

- | | |
|----------------------|-------------------------------|
| I. Help in digestion | II. Help in nitrogen fixation |
| III. Cause diseases | IV. All of the above |

8. Malaria Is caused by

- | | |
|-------------|--------------|
| I. Protozoa | II. Virus |
| III. Algae | IV. Bacteria |

9. Penicillium is a

- | | |
|---------------|------------|
| I. Algae | II. Fungus |
| III. Bacteria | IV. Yeast |

10. Microorganisms are

- | | |
|----------------|--------------------|
| I. Unicellular | II. Multi-cellular |
| III. Both | IV. None of these |

Fill in the blanks:

- _____ bacteria causes citrus canker.
- _____ is a skin disease in human caused by fungus.
- The female Aedes mosquito is a carrier of the _____ virus.
- _____, _____ are chemicals that inhibit microbial growth.

5. When an antigen enters the body, the body produce proteins called _____ to destroy it.

6. A _____ is used to study microbes.

7. _____ is a unicellular fungus.

8. _____ made the first vaccine.

9. _____ microbe is present in our intestine as a friendly microbes.

10. _____ can kill disease causing microbes without causing injury to body.

11. _____ are on the borderline of living and non- living.

12. _____ and _____ are two diseases caused by bacteria.

13. In legumes, the root nodules contain the bacterium_____.

14. Yeast is added to dough to produce _____ which makes the dough rise.

15. The heating of milk upto to 70°C & then suddenly cooling is called _____.

Give the answer of following question

- What are viruses? Name some common diseases in human caused by virus.
- Explain the formation of curd from the milk.
- Mention some beneficial effects of bacteria.
- Explain the discovery of Pencillin.
- How do microorganisms spoil food?
- What are carriers of disease causing microbes? Explain with the help of two examples.
- Explain nitrogen cycle and draw a schematic diagram of nitrogen cycle.
- Name some common plant diseases their causative microorganisms mode of transmission with the help of the figures.
- Explain the uses of Bacteria, Fungi and Algae.
- What are food preservatives? Explain some common food preservatives.

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- What are microorganisms or microbes?
- Give two examples of microorganisms.
- Name two multicellular Microorganisms.
- What are the two types of Microorganisms on the basis of their functions?
- Who discovered the antibiotics?
 - What is vaccine?
 - What do you mean by vaccination?
 - Name the pathogen of anthrax.
 - Where do Rhizobium bacteria commonly live?
 - Which is the carrier of dengue virus?
 - What do you mean by food preservation?
 - Who discovered the antibiotics?
 - Name a popular vaccination programme.
 - Where do Rhizobium bacteria commonly live?

5. Pathogen responsible for causing malaria is

- a. Bacteriophage b. Mould c. Bacterium d. Plasmodium

B. Match the following

Column A	Column B	
Leeuwenhoek	Phagocytes	
Elie Metchnikoff	Microscope	
Louis Pasteur	Penicillin	
Alexander Fleming	Vaccine	
Edward Jenner	Pasteurization	
Joseph Lister	Antiseptic	

Worksheet 2

A. Tick the correct answer

1. The most common carrier of communicable disease is
a. Cockroach b. Mosquito c. Housefly d. Spider
2. An organism considered to be between living and nonliving is
a. Bacterium b. Plasmodium c. Virus d. Yeast
3. Yeast is a unicellular
a. Alga b. Fungus c. bacteria d. Protozoa
4. Conversion of sugar into alcohol by yeast is
a. pasteurisation b. sterilization c. fermentation d. curdling

B. Give the answer in one word

- Organism which can be seen only under a microscope.
- Study of microorganisms.
- Process of conversion of sugar into alcohol by yeast.
- Substances produced by an organism which is poison for other organism.
- The smallest known microbe.
- A virus that feeds on bacteria.

C. Short answer type questions

- **give reason**
- Milk gets spoiled quickly in summer.
- Curdling of milk takes place when a little curd is added to it.

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- Ripened fruits do not rot in the freezer.
- Milk takes long time to form curd during winter.
- Pasteurization prevent spoilage of milk
- Dead animal body start emitting foul smell after sometime.
- Fresh food should be kept covered.
- Bacteria do not grow around the mycelium of penicillium notatum.

D. Long answer type questions

- Who was the first scientist to have discovered microorganisms and how?
- What are decomposers and in what way they serve us?
- How does modern process of pasteurization differ from the one given by pasteur?
- What are bacteriophages? How do they help in keeping water clean?
- What do you understand by 1. Septic formation 2.sterilization 3.Antiseptic
- What causes food poisoning?
- List the various methods of food preservation?

Project work

- **Make a chart on different types of microorganism.**
- **Make a scrap file showing different communicable diseases in human which causes by pathogens and their transmitting agency and prevention also. (Refer page no.39&40)**
- **Write down a Report on Covid-19.**

Activity

- **Demonstrate that fermentation of sugar by yeast results in increase in volume of the mixture with the evaluation of carbon dioxide gas.**

Worksheet 3 chapter-synthetic fibres and plastics

A.Tick the correct answer

1. Fabric is made of

- (a) steel (b) fibre
(c) paper (d) none of these.

2. The small units used in making synthetic fibres are.

- (a) molecules (b) polymers
(c) cells (d) none of these.

3. The strongest fibre is called:

- (a) rayon (b) nylon
(c) acrylic (d) none of these.

4. The first man-made fibre is

- (a) nylon (b) polyester
(c) rayon (d) cotton.

5. The plastics which do not remould again on heating are called:

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- (a) thermosetting plastics (b) thermoplastics
(c) both of these (d) none of these.

6. The polyester is made up of

- (a) Nylon (b) Rayon
(c) Esters (d) Cotton.

7. The nylon is prepared first in

- (a) 1921 (b) 1931
(c) 1941 (d) 1951.

8. The fibre made up by the chemical treatment of wood pulp is

- (a) Rayon (b) Nylon
(c) Polyester (d) None of these.

9. A synthetic fibre which works like wool.

- (a) Nylon (b) Polyester
(c) Acrylic (d) PVC.

10. The raw materials used in making nylon

- (a) Wood pulp (b) Cellulose
(c) Coal, water, air (d) All of these

B. Fill in the blanks –

1. -----made from both synthetic and natural fibers.
2. ----- is the another name of lycra.
3. ----- fibre is also called artificial silk.
4. Electrical switches are made of -----.
5. The process of combining monomers to form a polymer is called-----.
6. Rayon is a fiber regenerated from-----.
7. ----- is often used as substitute for wool.
8. ----- is used as a coating on the surface of non- stick frying pans.
9. -----synthetic fiber is commonly used to make strong ropes.
10. ----- are long- chain polymers made by linking of several ester units.
11. -----plastics are set into a particular shape cannot be remolded.
12. ----- is the most common source for synthetic fibers.
13. Plastic are an example of -----.
14. Themocol is made from----- plastic material.
15. Plastics are polymers that can be ----- and ----- into any desired.

C. Give the answer of following questions

1. Why is acrylic more popular than wool?
2. What is the difference between natural and synthetic fibres?
3. Write a few characteristics of synthetic fibres.
4. What is 4R principle?
5. What are biodegradable and non-biodegradable materials?
6. What are the disadvantages of plastics?

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7. Why is it convenient to store plastic containers than metals?
8. What are the uses of nylon?
9. What do you mean by synthetic fibres?
10. Why is it advisable to not wear synthetic clothes while working near fire?

B. Match the following

Column A	Column B	
Rayon	Thermocol	
Teflon	Mattresses	
Acrylic	Dress material	
Polycot	Non stick cookware lining	
Polyurethane	Synthetic knitting wool	
Polystyrene	Blended dress material	

Worksheet 4

A. Tick the correct answer

1. Which of these is thermoplastic in nature.
a. Teflon b. Rayon c. Bakelite d. Polythene
2. To make a pan non stick we should get it coated with
a. Bakelite b. Teflon c. Rayon d. Polythene
3. Polywool fibre is
a. Natural b. Synthetic c. Monomer d. Blended
4. The plastic that cannot be molten or moulded on giving it shape is
a. Thermoplastic b. Polyurethane c. Theroset d. Acrylic
5. Raw material for rayon comes from
a. Cellulose b. Coal c. Petroleum d. Animal bones

C. Fill in the blanks

- Wool is a _____ fibre.
- Base raw material for rayon is _____.
- Plastic made from ethylene is called _____.
- Tensile strength of nylon is _____ than that of cotton.
- Melamine is a _____ plastic.
- A mixture of fiberglass and rayon is used in _____.
- _____ is the synthetic fibre used as wool.
- _____ is known as artificial silk.
- Teflon is _____ plastic.
- Polymer is a long chain of _____.
- **True/ false**

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- Man made fibres are synthetic fibres.
- Polymers are a chain of monomers.
- Plastics do not corrode or rust.
- Plastic melamine is fire resistant.
- Bakelite is a soft and flexible plastic.
- Cellulose is a natural polymer.
- Synthetic fibres shrink on washing.
- Acrylic wool is a synthetic fibres.

D. Give the Answer in one word

- A substance having a single unit structure.
- Process of monomers joining together to form a polymer.
- A Natural monomer.
- A natural polymer of glucose.
- A plastic which does not stick while cooking.
- plastic which is a poor conductor of heat and used for making handles of cooking utensils.
- Plastic which resist fire and used for coating fireman's uniform.
- A synthetic fabric which is suitable for summer wear.
- Plastic used to spray on wood for protection from sun and rain and give assigned to it.

E. Short answer type question

- **How thermoset is different from thermoplastic?**
- **Why are plastics called polymers?**
- **Which property of acrylic makes it suitable for use as synthetic wool?**

- **What do the following stand for: (give one use of each)**
- **LDPE,PP,PVC,PS,PTFE,PU,PET,HDPE**
- **What are the properties of plastic which has made it more useful material?**

E. Long answer type questions

- **What are the disadvantages of using plastic in day to day life?**
- **How do natural fibre differ from synthetic fibres with respect to**
- **A. Crease resistance**
- **B. Tensile strength**
- **C. Electrical insulation**
- **D. Moistur absorbent**

Project work

Make a scrap file on different types of fibre.

Activity

Test the different fibres by the effect of flame. (Refer page no.53)

MATHS:--

Ch.1. Rational number

(a)Learn all the properties, rules ,regarding operations of Rational numbers.

(b)Solve exercise 1.1 and 1.2 fully .

(c)Make a coloured chart of Rational numbers and its properties.

Ch.2.Exponents(Power)

(a)Learn and write definition and rules regarding exponents.

(b)Solve exercise-2.1(completely)

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(c) Also solve all the examples.

Ch.3. Squares and square root .

(a) What is square and square root ? Define with examples.

(b) Explain Method of squaring numbers.

(i) Column Method.

(ii) Diagonal method and

(iii) Long division method with examples.

(iv) Make a chart of diagonal method .

(v) Solve ex.3.1,3.2 and 3.3.

M.Sc.

1. Write a short notes on "Importance of tree".

2. Write a short notes on "Self Control".

3. List three ways you used to control your anger behaviour.

4. Write the biography of "Mahatma Gandhi".

5. Do and learn book exercise of ch.1 and 2.

G.K.

1. Write some safety tips while doing experiments in a laboratory.

2. Make a project file on Mosquito -borne illness.

3. Write a short note on "Benefits of public speaking".

4. Describe the different types of agriculture and paste their pictures. (Refer pg.no.10,11).

5. Write the names of plants which provide medicine and cure against a number of illness. (Refer pg.no.12)

6. Write the names of each.

(i) Parasitic plants.

(ii) Protein veggies.

(iii) Unusual flower.

Book work (Knowledge of nation)

Fill the pg.no. from 13 to 19.

Drawing:--

1. Book work:- Fill the pg.no.3 to 10 and also draw them in drawing file.

2. Activity:-

(i) Make a beautiful bookmarks.

(ii) Draw a scenery of moonlight with oil pastel colours.

(iii) Make a Diy wall hanging.

Computer :-

(i) Fill the exercise of ch.1 and 2. in book.

(ii) Write the short notes on

(a) Servers

(b) LAN

(c) MAN

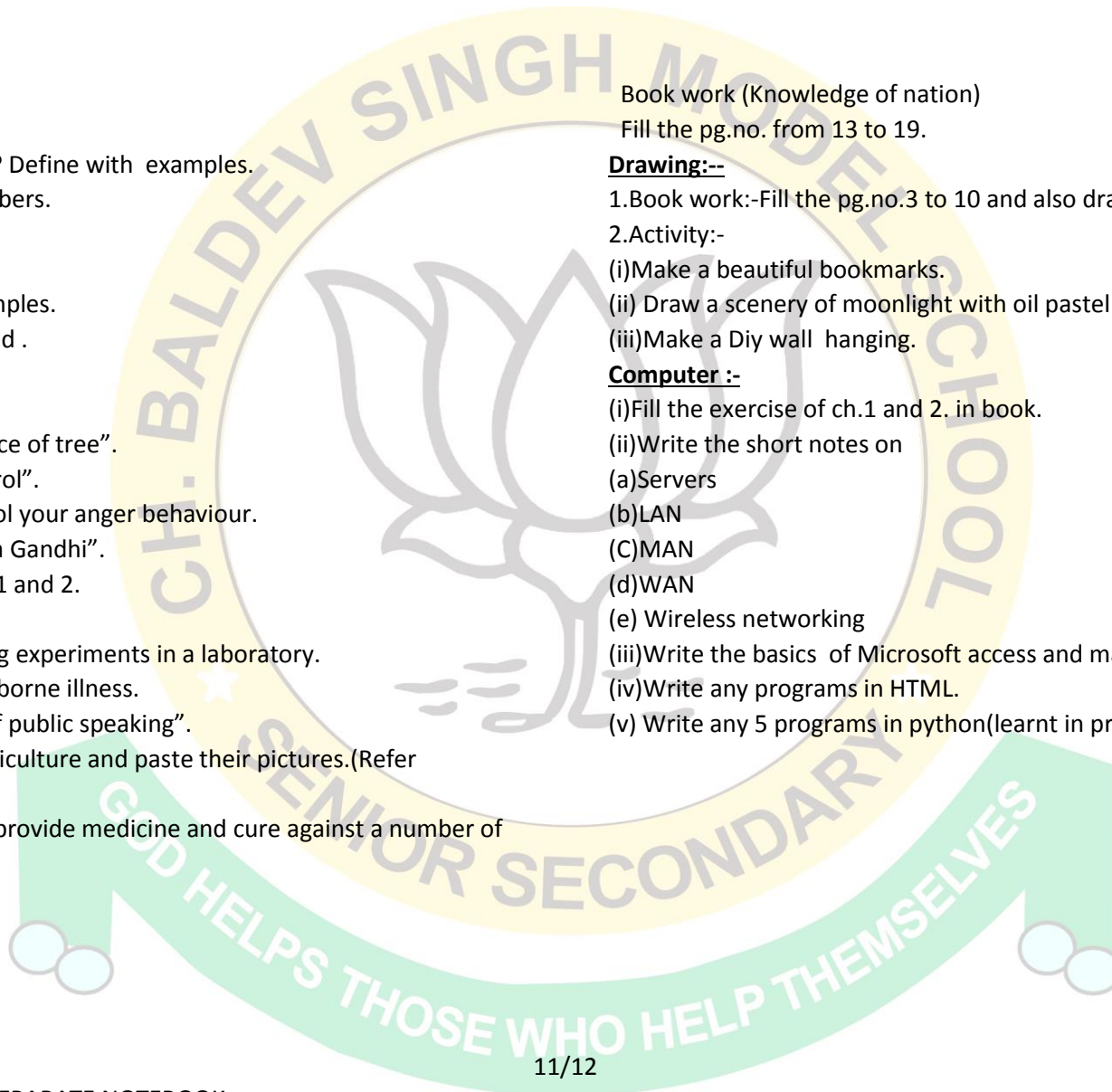
(d) WAN

(e) Wireless networking

(iii) Write the basics of Microsoft access and make a page on system.

(iv) Write any programs in HTML.

(v) Write any 5 programs in python (learnt in previous class.)



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Sanskrit

1. विश्वस्य मानचित्रं स्वीकृत्य मैट्रोरेलयानं यत्र - यत्र प्रचलितं तद् चिह्नं कुरुत ।
2. मैट्रोरेलयानस्य प्रथमयात्रानुभवं लिखत ।
3. कृ धातुः लट् लकारे धातु रूपाणि लिखत ।
4. 'पितृ' ऋकारान्त शब्दरूपाणि लिखत ।
5. सन्धि - विच्छेदं कुरुत ।
(i) समीतिहासः _____
(ii) समाममनेनः _____
(iii) इत्यनेनः _____
(iv) अहमस्मिः _____
(v) बहिर्गतानिः _____
6. पाठ्यपुस्तकं पाठः 1, एवं 2 अभ्यासकार्यं कुरुत ।