DECENT PUBLIC SCHOOL

Senior Secondary (Recognised and C.B.S.E. Affiliated)

MEDICAL NON-MEDICAL COMMERCE HUMANITIES

ALL ROUND BRILLIANCE THROUGH BALANCED SCHOOLING

From 16-May-2020 to 30-June-2020

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तमसो मा ज्योतिर्गमय

डिसेंट पब्लिक स्कूल

कक्षा ग्याहरवीं

विषय - हिंदी

ग्रीष्मावकाश कार्य 2020-21

डीसेन्ट पब्लिक स्कूल
कक्षा - ग्यारहवीं
विषय - हिंदी
ग्रीष्मावकाश कार्य ÷ (2020-21)

1. हिंदी पाठ्यपुस्तक अंतरा गद्य खंड - 11. "ईदगाह" कहानी का सार, प्र० उ० कॉपी-1 में सुन्दर व सुव्यवस्थित ढ़ग से करिए व अंतरा - 12. "दोपहर का भोजन" कहानी को ध्यानपूर्वक पढ़कर व वीडियो सुनकर कहानी का सार व प्र० उ० कॉपी - 1 में उचित ढ़ग से लिखिए व याद अवश्य करिए।

2. हिंदी पाठ्यपुस्तक अंतराल - 1. "अंडे के छिलके" कहानी का सार व प्र० उ० सुव्यवस्थित ढ़ग से कॉपी-1 में लिखिए व अंतराल-2. "हुसैन की कहानी अपनी ज़बानी" पाठ का गहन अध्ययन करके पाठ का सार अपने शब्दों में कॉपी-1 में लिखिए।

3. कार्यालयी हिंदी और रचनात्मक लेखन इकाई - 1. "जनसंचार माध्यम के प्र० उ० कॉपी-2 में सुन्दर व उचित ढ़ग से लिखिए।

4. हिंदी पाठ्यपुस्तक अंतरा काव्य खंड - 1. "अरे इन दोहुन रह न पाई" कविता की वीडियो पूर्णरूप से श्रव्य व दृश्य करके सप्रसंग व्याख्या व विशेषताएँ कॉपी - 1 में करिए।

5. लेखक 'प्रेमचंद' व संत 'कबीरदास' जी के जीवन और रचनाओं का संक्षिप्त परिचय देते हुए उनकी काव्यगत विशेषताओं पर प्रकाश डालते हुए कॉपी - 1 में लिखिए व याद अवश्य कीजिए। (चित्र सहित)

6. पत्र लेखन ÷ "अपने घर के पास के पार्कों को हरा-भरा न रहने, उनकी दुर्दशा के बारे में संबंधित अधिकारियों और कर्मचारियों का ध्यान आकर्षित करते हुए दैनिक जागरण के संपादक को पत्र कॉपी-2 में लिखिए।

7. परियोजनात्मक कार्य ÷ शीर्षक ÷ छायावादी कवि, उनका जीवन-परिचय एवं रचनाएँ
प्रमुख कवि ÷ 1. सुमित्रानंदन पंत 2. जयशंकर प्रसाद 3. सूर्यकांत त्रिपाठी 'निराला'
व्यक्तिगत रूप ÷ 1. विषयवस्तु 2. शब्द सीमा (1000 शब्द) 3. भाषा शैली
4. विषय से संबंधित चित्र 5. प्रस्तुतीकरण
नोट ÷ किसी एक छायावादी कवि के जीवन से परिचित व रचनाओं से संबंधित आकर्षित व चित्रात्मक परियोजना तैयार कीजिए।

अपठित गद्यांश

10. संस्कृति ऐसी चीज़ नहीं, जिसकी रचना दस-बीस या पचास-सौ वर्षों में की जा सकती हो। हम जो कुछ भी करते हैं, उसमें हमारी संस्कृति की झलक होती है; यहाँ तक कि हमारे उठने-बैठने, पहनने-ओढ़ने, घूमने-फिरने और रोने-हँसने से भी हमारी संस्कृति की पहचान होती है, यद्यपि हमारा कोई भी एक काम हमारी संस्कृति का पर्याय नहीं बन सकता। असल में, संस्कृति जीने का एक तरीका है और यह तरीका सदियों से जमा होकर उस समाज में छाया रहता है, जिसमें हम जन्म लेते हैं। इसलिए, जिस समाज में हम पैदा हुए हैं अथवा जिस समाज से मिलकर हम जी रहे हैं, उसकी संस्कृति हमारी संस्कृति है; यद्यपि अपने जीवन में हम जो संस्कार जमा कर रहे हैं, वे भी हमारी संस्कृति के अंग बन जाते हैं और मरने के बाद हम अन्य वस्तुओं के साथ अपनी संस्कृति की विरासत भी अपनी संतानों के लिए छोड़ जाते हैं। इसलिए, संस्कृति वह चीज़ मानी जाती है, जो हमारे सारे जीवन को व्यापे हुए है तथा जिसकी रचना और विकास में अनेक सदियों के अनुभवों का हाथ है। यही नहीं, बल्कि संस्कृति हमारा पीछा जन्म-जन्मांतर तक करती है। अपने यहाँ एक साधारण कहावत है कि जिसका जैसा संस्कार है, उसका वैसा ही पुनर्जन्म भी होता है। जब हम किसी बालक या बालिका को बहुत तेज़ पाते हैं, तब अचानक कह देते हैं कि वह पूर्वजन्म का संस्कार है। संस्कार या संस्कृति, असल में, शरीर का नहीं, आत्मा का गुण है और जबकि सभ्यता की सामग्रियों से हमारा संबंध शरीर के साथ ही छूट जाता है, तब भी हमारी संस्कृति का प्रभाव हमारी आत्मा के साथ जन्म-जन्मांतर तक चलता रहता है।

प्रश्न

(क) संस्कृति जीने का एक तरीका है, कैसे? स्पष्ट कीजिए। 2

(ख) व्यक्ति अपने समाज की संस्कृति को स्वत: क्यों अपना लेता है? 2

(ग) सभ्यता व संस्कृति में क्या अंतर है? उदाहरण सहित स्पष्ट कीजिए। 2

(घ) संस्कृति को समृद्ध करने में संस्कारों की भूमिका स्पष्ट कीजिए। 2

(ङ) गद्यांश का उपयुक्त शीर्षक बताइए। 1

(च) जन्मांतर, यद्यपि–संधि-विच्छेद कीजिए। 1

(छ) संस्कार आत्मा का गुण है। इसके लिए क्या उदाहरण दिया गया है? 1

अपठित काव्यांश

18.

जिसमें स्वदेश का मान भरा
आज़ादी का अभिमान भरा
जो निर्भय पथ पर बढ़ आए
जो महाप्रलय में मुस्काए
जो अंतिम दम तक रहे डटे
दे दिए प्राण, पर नहीं हटे
जो देश-राष्ट्र की वेदी पर
देकर मस्तक हो गए अमर
ये रक्त-तिलक-भारत-ललाट!

उनको मेरा पहला प्रणाम!
फिर वे जो आँधी बन भीषण
कर रहे आज दुश्मन से रण
बाणों के पवि-संधान बने
जो ज्वालामुख-हिमवान बने
हैं टूट रहे रिपु के गढ़ पर
बाधाओं के पर्वत चढ़कर
जो न्याय-नीति को अर्पित हैं
भारत के लिए समर्पित हैं।
कीर्तित जिससे यह धरा धाम
उन वीरों को मेरा प्रणाम!

श्रद्धानत कवि का नमस्कार
दुर्लभ है छंद-प्रसून हार
इसको बस वे ही पाते हैं
जो चढ़े काल पर आते हैं
हुंकृति से विश्व कँपाते हैं
पर्वत का दिल दहलाते हैं
रण में त्रिपुरांतक बने शर्व
कर ले जो रिपु का गर्व खर्च
जो अग्नि-पुत्र, त्यागी, अकाम
उनको अर्पित मेरा प्रणाम!

प्रश्न (क) कवि किन वीरों को प्रणाम करता है?
(ख) कवि ने भारत के माथे का लाल चंदन किन्हें कहा है?
(ग) दुश्मनों पर भारतीय सैनिक किस तरह वार करते हैं?
(घ) उपर्युक्त काव्यांश का उपयुक्त शीर्षक दीजिए।
(ङ) कवि की श्रद्धा किन वीरों के प्रति है?

अंतरा - 12. दोपहर का भोजन

<u>विडियो का लिंक -</u>

<u>https://youtu.be/pHao**4**pv**01**uo</u>

अंतराल - 2. हुसैन की कहानी अपनी जबानी

<u>विडियो का लिंक -</u>

<u>https://www.youtube.com/watch?v=n08fRBsFJ0A&feature=youtu.be</u>

आन्तरा काव्य खंड - 1. अरे इन दोहुन राह न पाई

https://lyricspandits.blogspot.com/2020/03/in-doun-rah-na-pai-hindi-meaning-kabir-ke-pad.html

DECENT PUBLIC SCHOOL

Holidays Homework

CLASS XI

SUBJECT ACCOUNTANCY

1. Read chapter 1 introduction to accounting Chapter 2 Basic Accounting Terms and prepare its notes in thick school register.

2. Solve the below work sheet

1	Define Accounting.
2	Define Accounting according to the American Institute of Certified Public Accountants.
3	What is meant by Book-Keeping?
4	What is meant by Accounting Cycle?
5	Explain the following terms: 1. Entity 7.Expenditure 2.Voucher 8.Expenses 3.Business Transaction 9.Incomes 4. Capital 10. Revenue 5.Stoc k 11.Income 6.Creditors 12.Drawings
6	List the steps of accounting process based on the main attributes of accounting.
7	What is meant by Double Entry System of Book-Keeping?
8	Define Single Entry system of Book-Keeping.
9	What is meant by Window Dressing?
10	Define Merchandise.
Short and Long Answer Questions (3marks, 4marks, 6marks,8marks)	
11	Distinguish between Book-Keeping and Accounting.
12	State and explain the branches of accounting.
13	Explain the internal and external users of Accounting Information?
14	Explain the Objectives of Accounting.
15	What are the advantages of Accounting?
16	Explain all the limitations of Accounting.
17	List and explain the qualitative characteristics of Accounting information.
18	Give short notes on:- (a)Cost Accounting (b)Management Accounting (c) Forensic Accounting (d) Financial Accounting
19	What are Assets and how are they classified?
20	Explain the attributes of Accounting.
21	Discuss the functions of accounting.
22	What are the advantages of the Double Entry System

Book referred Double entry book keeping by TS Grewal

DECENT PUBLIC SCHOOL

SUMMER VACATION WORK(2020-2021)

CLASS XI

BIOLOGY

Q.1Study/Observer of the following (spotting)

- DO THIS WORK IN YOUR PRACTICAL NOTEBOOK

1. Parts of a compound microscope.
2. Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.
3. Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liverfluke, Ascaris, leech, earthworm, prawn, silkworm, honeybee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.

Q.2 Do the following question:

- DO THIS WORK IN YOUR BIOLOGY REGISTER

1 Which tissue of animals and plants exhibits meiosis? 1

2 Given that the average duplication time of E.coli is 20 minutes, how much time will twoE.coli cells take to become 32 cells?1

3 At what stage of cell cycle does DNA synthesis take place? 1

4 It is said that the one cycle of cell division in human cells (eukaryotic cells) takes 24 hours. Which phase of the cycle, do you think occupies the maximum part of cell cycle?1

5 It is observed that heart cells do not exhibit cell division. Such cells do not divide further and exit _____ phase to enter an inactive stage called _____ of cell cycle.2

6 The following events occur during the various phases of the cell cycle, Name the phase against each of the events.2

a. Disintegration of nuclear membrane _____

b. Appearance of nucleolus _____

c. Division of centromere _____

d. Replication of DNA _____

7 How does movement of chromosome occur during mitotic phase? 2

8 How does cytokinesis in plant cells differ from that in animal cells? 3

9 Comment on the statement – Telophase is reverse of prophase. 3

10 What are the various stages of meiotic prophase-I? Enumerate the chromosomal events during each stage?3

11 Write brief note on the following

a. Synaptonemal complex

b. Metaphase plate

12 Give reason for the following statements:3
a) Mitosis is equational division
b) Meiosis is reduction division
13 Write the significance of mitosis. 3
14 List the significance of meiosis. 3
15 Enumerate the processes occurring during the four stages of mitosis. 3

Q3.Do the back exercise of NCERT chapter 8:Cell the unit of life and chapter 10 Cell cycle and cell division in your biology register.

Q.4Read Chapter 4 animal kingdom and Chapter 18 body fluids and circulation.

- Also write the characteristics of all Phylum's.
- Do back exercises of chapter 18.

BUSINESS STUDIES CLASS 11

Instructions:-

1. ***Take 1 school register for business studies (thick one)***
2. ***Do the worksheets given in school register only***
3. ***Make self notes also in register***
4. ***Books to be refered :-ncert***
5. ***Open links for clarification of topics and worksheets***

Chapter 1 :- foundation of business

Topics done so far:-

- ***Human activities:- economic and non-economic activities***
- ***Business meaning and features***
- ***Objectives of business***
- ***Industry and its types***
- ***Business risk:- meaning, nature , causes***
- Links for clarification of topics done:-https://www.youtube.com/playlist?list=PLFXjZOXnPE-y4CL3oXF3d3dQ9PvPRtdv0

- Worksheet1 :- https://drive.google.com/file/d/1caxDFuSRXXMUFWQ5mKVj8Gt6VX-dUQq1/view?usp=sharing

- Worksheet2:-

  NATURE AND PURPOSE OF BUSINESS
  Q1. Identify the activity which is not an auxiliary to trade?
  (a) Banking (b) Warehousing
  (c) Insurance (d) Mining
  Q2. Industries like sugar mill or oil refinery are put under which category-
  (a) Primary (b) Secondary
  (c) Tertiary (d) None of the above
  Q3. Which of the following is not a characteristic of business?
  (a) Production (b) Exchange or sale
  (c) Wages or salaries (d) Risk element
  Q4. Which of the following is not a business activity?
  (a) Production of goods (b) Work in a factory for wages
  (c) Exchange of goods (d) Transportation
  Q5. Which of the following is not an economic activity?
  (a) Production (b) Trading in goods
  (c) Professional (d) Social service
  Q6. Name the occupation in which people work for others in return for wages or salaries?
  (a) Employment (b) Business
  (c) Profession (d) None of the above
  Q7. Support services to industrial \business activities are clubbed under?
  (a) Commercial industries (b) Primary industries
  (c) Secondary industries (d) Tertiary industries
  Q8. Which of the following is not a cause of business risk?
  (a) Breakdown of machinery (b) Efficient management
  (c) Riot (d) Changing government policy
  Q9. Why should a business earn profit?
  (a) To provide return to investors.
  (b) To provide funds for future growth.
  (c) To increase the reputation of business.
  (d) All the above
  Q10. Which of the following in not a true statement?

(a)The scope of commerce is narrower than business.
(b)Commerce includes trade and auxiliaries to trade.
(c)Foreign trade is purchase and sale by the traders of the same country.
(d)Traders serve as a link between producers and consumers.
Q11. The possibilities of inadequate profits or even losses due to uncertainties are known as _____
(a) Business contingencies
(b) Business risks
(c) Business ventures
(d) None of these
Q 12. Which one of the following may not be a factor behind starting a business?
(a) Routine workload
(b) size of the firm
(c) finance
(d) location of the business
Q13. Name the two broad categories of business activities.
(a) Trade and Commerce
(b) Trade and Industry
(c) Industry and Commerce
(d) None of these
Q14.Commerce includes activities relating to trade and_____ to trade.
(a) Supporting
(b) Subsidiaries
(c) Auxiliaries
(d) None of these
Q15.'Earning of profit is considered to be the subsidiary objective of the business.' The given statement is-
(a) True
(b) False
(c) Cannot says
(d) None of these

- Worksheet 3(refer till page 25 only):-

https://drive.google.com/file/d/1e-MVWqB8udG4Txf-noPQpyqIQl9KoiKz/view?usp=sharing

Decent Public School
Summer Vacation WORK
Class-XI Chemistry

A).Chemistry Project Class 11th:-

(1.)Rate of evaporation (2) Periodic Table (3) Drugs and Medicines

B).Chemistry Practical-[go through vedio only and understand ……do not write practicals in notebook]

(1.) Titration(Mohar's salt/KMnO4) (2) Salt Analysis (3) Brown Ring test for Nitrate ions

C) Revise the topics covered so far and Solve NCERT Exercise of chapter 1(Some basic concepts of chemistry) and chapter 2-(Structure of Atom)

D)Read out chapter 3(Classification of elements and preodicity in properties) NCERT

E).Learn the Periodic Table

Answer the following questions in the register:
Q1. State the number of significant figures in each of the following numbers:
(a) 823.05 (b) 2890.0 (c) 780892 (d) 0.00692 (e) 2.062 × 10-3 (f) 0.0560
Q2. The population of India based on 1981 census figure was 684 millions. Express the results in scientific notation and write the number of significant figures.
Q3. Classify the following as pure substances or mixtures. Separate the pure substances into elements and compounds and divide the mixtures into homogeneous and heterogeneous: Air, milk, graphite, diamond, tap water, distilled water, brass, 22 carat gold, steel, iodized table salt, honey, phosphorous, toothpaste, marble, slaked lime, gasoline, sugar.
Q4. An hourly requirement of an astronaut can be satisfied by the energy released when 34 grams of sucrose is burnt in his body. How many grams of oxygen would he require to carry in space to meet his requirement for one day?
Q5. Derive the empirical and molecular formula of the compounds having following percentage composition: (a) C = 57.8%, H = 3.6%, O = 38.6% M.Mass = 166 u (b) H = 5.88%, O = 94.12% M.Mass = 34 u (c) C = 66.7%, H = 7.4%, N = 25.9% M.Mass = 108 u
Q6. Haemoglobin contains 0.33% of iron by weight. The molecular mass of haemoglobin is approximately 67200 u. Calculate the number of iron atoms present in one molecule.
Q7. The density of 3 molal aqueous solution of NaOH is 1.110 g/ml. Calculate the molarity of the solution.
Q8. 200 ml of water is added to 500 ml of 0.2 M solution. What is the molarity of the diluted solution?
Q9. Calculate the amount of CO2 produced when 1.5 kg of carbon is burnt in air. Q10.Calculate molarity, molality and normality of 98% (mass/volume) aqueous solution of H2SO4. (Given : density = 1.19 g/cm-3)

Economics class 11th

Instructions:-

1. ***Take 1 school register for economics statistics***
2. ***Do the worksheets given in school register on***
3. ***Books to be refered :-ncert, sandeep garg***
4. ***Open links for clarification of topics and worksheets***

Topic done so far:-
Calculation of arithmetic mean by :-

- Direct method
- Short cut or assumed mean method
- Step deviation method

In following types of series:-

- Individual series
- Discreet series
- Continous series

Formulas - https://youtu.be/yhoRVUzVYEc , https://images.app.goo.gl/jj4ZnhCjHpJka1FX7
Cal of mean:- https://youtu.be/BDSsLU2xUB4
Mean in all series:- https://youtu.be/hG_C9IdbKtk

Worksheet 1;-(do till question 14 only)
https://www.meritnation.com/cbse-class-11-commerce/economics/sandeep-garg-2017-/measures-of-central-tendency-arithmetic-mean/textbook-solutions/161_16_1216_6134

DECENT PUBLIC SCHOOL

ENGLISH SUMMER VACATION WORK

ACADEMIC SESSION (2020-2021)

GRADE-XI

1. **CHAPTER- 1 THE PORTRAIT OF A LADY (HORNBILL)**

What to do :- Theme, Character sketch, Question/Answers from the Chapter.

How to do :- Read the Chapter thoroughly, highlight the important points, underline difficult Words and write down their meanings in the book itself.

Complete the following :- Theme, Character Sketch (provided in the PDF)
:- page no. 6 and 7 (Understanding the text, Talking about the text- self)

Where to do :- English Register.

Explanation for the Chapter :- https://youtu.be/PgIVrv5JhsE

2. **POEM – A PHOTOGRAPH BY SHIRLEY TOULSON.(HORNBILL)**

What to do:- Completion of Summary,Q/A and RTC from the poem.

How to do :- Read the Chapter thoroughly, highlight the important points, underline the difficult words and write down with their meanings in the book itself.

Complete the following :- Summary and RTC provided in the PDF.
:- page no.12 (Think it out Q/A- self)

Where to do :- English Register.

Explanation for the Poem:- https://youtu.be/2xwhdSu6b9o

3. **CHAPTER – 2 "WE'RE NOT AFRAID TO DIE… IF WE CAN ALL BE TOGETHER"(HORNBILL)**

What to do :- Completion of theme, Character sketch, Q/A from the text.

How to do :- Read the Chapter thoroughly, highlight the important points, underline the difficult words and write down their meanings in the book itself.

Complete the following :- Theme, Character Sketch (Provided in the PDF)
:- page no.18 (Understanding the text, Talking about the text – self)

Where to do :- English Register.

Explanation for the Chapter :- https://youtu.be/lYcv31ew-Hg

4. **CHAPTER – 1 THE SUMMER OF THE BEAUTIFUL WHITE HORSE (SNAPSHOTS)**

What to do :- Vocabulary,Moral values, Story Narration.

How to do :- Read the Chapter thoroughly, highlight the important points, underline the difficult words and write down their meanings in the book itself.

1. Write down 20 key terms along with their meanings in the notebook.
2. Write down 5 Moral Values that you learned from the Chapter.
3. "One day back in the good old days…" The story begins in a mood of Nostalgia.Write some incident from your childhood that might make an Interesting story in 120-150 words.

Where to do:- English Register.

Explanation for the Chapter :- https://youtu.be/rMzuOB6cG0o

5. **WRITING SKILLS**

What to do :-

1. **You are Shubham /Surbhi, a resident of R Block, Shivaji Nagar, New Delhi. For the past few days you have been noticing that garbage is not being removed from your area. People cannot bear the stinky smell and unhygienic condition caused by this garbage. Write a letter in 100 to 150 words to the editor of a newspaper to draw the attention of the concerned authorities to take necessary action.**
2. **For the last so many days human beings had been quarantined in their homes all over the world due to the outbreak of COVID-19 an epidemic.Write an article expressing your views, suggestions about the same in 150 to 200 words.**

Where to do :- **English Register.**

6. **GRAMMATICAL SKILLS:-**

What to do :- **Gap Filling.**

Antioxidants were first cast into doubt …….a……. (during / from / since) a major clinical trial in the US, in ……b…… (which/ what / that) a very common antioxidant, beta carotene, ……c…….. (was / were / is / are) tested for ……d…….. (its / it's / their / theirs) efficacy against lung cancer in high-risk subjects. ……e…… (To / For / With) the surprise and concern of the scientists ……f…… (those / that / which / whose) individuals taking the supplement …….g…… (intend / intended / intended) to reduce the risk of cancer were ……h…… (on / at / with) a significantly higher risk …….i…….. (for / of / to) developing lung cancer.

Where to do :- **English Register.**

7. **ASSESSMENT OF LISTENING AND SPEAKING SKILLS:-**

What to do :- **(A) Listen and visualize to the video carefully provided in the link below:-**

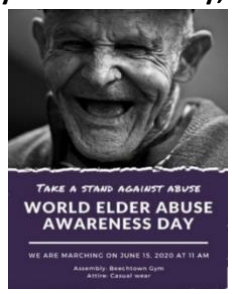
Link :- **https://youtu.be/3WODX8fyRHA**

On the basis of your listening skills answer the following :-

1. **What responsibilities do you think individuals have towards the environment?**
2. **How do you imagine life on Earth in the future?**
3. **How can one contribute towards the goal of "Sustainable Development"(100 words)**
4. **Draw an awareness Poster regarding the same.**

(B) Look at the pictures and express your thoughts, opinions and suggestions regarding the same in 100-120 words, provide a title also.

Elderly – sad and lonely, neglected by their family members, dependent on others.



Where to do :- A4 Size Sheets.

PRESCRIBED NCERT BOOKS :-

1. **HORNBILL**
2. **SNAPSHOT**

PRESCRIBED NOTEBOOKS :-

1.ENGLISH THICK REGISTER (RED COLOUR)

FOLLOW THE GUIDELINES:-

- **Cover and label the notebooks properly.**
- **Neatness and presentation are common parameters for the assigned work. Please maintain the quality of work done.**
- **Do mention the chapter number along with the name.**
- **Always mark finish line on completion of each Answer**
- **Fill the index regularly with date.**
- **Learn all the work covered till date.**

BE SAFE AND HEALTHY….

DECENT PUBLIC SCHOOL
SUMMER VACATION WORK
CLASS XI
HOMESCIENCE

Q.ONE MARK QUESTIONS:(Do this work in homescience register)

1. In what ways, early maturing boys are advantageous to the society?(1)
2. What do you understand by"PropositionalThinking"? (1)
3. Differentiate between Physical andMentalTraits. (1)
4. Why do people are forced to make wrongcareerchoices? (1)
5. WhatareNutrients? (1)
6. List four dietary sources ofVitaminB1. (1)
7. How will you detectthyroidenlargement? (1)
8. What is aCommunityResource? (1)
9. DefineImplementation. (1)
10. Which property of Cotton makes it suitable as summer wear?(1)

Q.TWO MARKS QUESTIONS:

11. List the beneficial characteristics ofBlendedFabrics. (2)
12. What are the characteristics ofsuccessfulplan? (2)
13. Highlight the functions of Calcium inthebody. (2)
14. Distinguish between Marasmus and Kwashiorkor (any 4 pts)(2)
15. Give a brief account of the scope of HomeSciencestudy. (2)
16. Concrete Operational Stage is the foundation stage for the future Learning skills inchildren.Justify. (2)
17. Teachers play an important role in reducing stress and storm among Adolescents.Explain. (2)
18. What are the primary reasons for individual difference among people ofsameage? (2)
19. Explain the terms LongevityandMortality. (2)

20. How areProteinsclassified? (2)
21. Expand PEM. Listitscauses. (2)
22. Which are the symptoms that helps us to identify that the child issuffering fromRickets? (2)

THREE MARKS QUESTIONS:

23. Enlist any six functions ofVitaminC. (3)
24. Explain the functional ClassificationofFood. (3)
25. Give an account of various factors influencingcareerchoices. (3)
26. Why is "Decision Making" a important stepinManagement? (3)

FOUR MARKS QUESTIONS:

27. Compare and Contrast the Physical and Chemical Properties of Cotton and Polyester. (4)
28. What are the behaviouralchanges that happens in an Adolescents as the resultofCognition. (4)
29. Explain the four types of classification of Fatswithexamples. (4)
30. Define Heredity. What are the various hereditydisorders? (4)

Q.PRACTICAL

Q.Study of Adulthood(DO THIS PRACTICAL WORK ON SHEETS PROVIDED BY THE SCHOOL)

Theme: Study of one female and one male adult in the age range 35- 60 years with respect to

(i) health and illness
(ii) physical activity and time management
(iii) dietbehaviour
(iv) coping with challenges
(v) media availability and preferences

Tasks:

1. Identify a female and a male adult in the age range 35-60 years
2. Collect information with respect to the above aspects by asking them specific questions
3. Analyse similarities and differences in responses and assess whether there are differences in responses due to age or gender.

Conduct of the practical: After identifying the two persons (they could be persons in your family or neighbourhood), ask them the following questions.

A. Questions related to health and illness

1.Have you had any health problem (s) or illness (es) in the past few years?

2.What treatment did you use? Did you seek medical help or did you use home remedies?

3.How did you manage the illness – by your self or with the support of family members or neighbours?

4. What do you do to keep yourself healthy?
5. Do you have health insurance?

B. Questions related to physical activity and management

1. Briefly describe your routine for the day (from the answer you get to this question, try to find how physically active the person is during the day)

2 .What strategies do you use for accomplishing all the tasks that have to be done?Do you schedule specific activities for specific periods of the day? Do you combine activities of a similar nature and do them together (the answer will give you insights about how the person manages time)

C. Questions related to diet behaviour

1. What are the foods that you prefer to eat?
2. Are there any foods which you dislike?
3. In your family are there any foods avoided because of religious or social reasons?
4. What are the major influences on your food behaviour?

D. Questions related to coping with challenges

Each one of us faces one or the other challenging situation in our lives:

1. Can you state some challenging situation that you have had to face?
2. What emotions did you experience as you were passing through the situation?
3. How did you cope with this situation – were you alone in the situation or there were members of the family to help you cope?
4. Do you think that you could have responded differently than the way you did?

E. Questions related to media availability and preferences

1. Which media is available to you for reading/viewing – newspapers, radio, television, films?
2. Which media do you prefer and why?
3. What programmes or items do you like to watch/read in your preferred media?
4. When do you read/watch your preferred media?

Record your finding with respect to each of the above aspects using the following type of tables.

A.Health and illness

S.No.	Health problem/ illness	Treatment used	Self-management of illness/support of family or others	Measures to maintain health	Health Insurance
Adult woman					
Adult man					

B.Physical activity and time management

Physical activity and time management: Adult woman

Time (in hrs)	Activity

Physical activity and time management: Adult man

Time (in hrs)	Activity

Q.Comment on the time management strategies used, based on the principles you have studied.

- Adult Woman and Adult Man

C.Dietbehaviour

S. No.	**Foods preferred**	**Foods Disliked**	**Foods avoided due to religious or social reasons**	**Factors influencing food behaviour**
Adult woman				
Adult man				

D.Coping withchallenges

Describe the challenging situation faced by the two adults and their ways of coping.

- Adult Woman and Adult Man

C. Media availability and preferences

S.No.	Media availability	Media preference	Programmes/items/ columns preferred	Time for watching/ reading media
Adult woman				
Adult man				

Fabrics Around Us

Theme Fabrics around us
Task 1. Make a record of fabrics and apparels used in a day
2. Analyse the suitability of the fabrics to the product

Conduct of the practical: Identify a particular day and note the fabrics and apparel that you use and experience throughout the day. You can use the following table for recording in various categories – (for self and 'in surroundings' like the examples given in the table).
E.g.

Time of day	Use	Product	Fabric
6:00 am	Self	Towel	Cotton
6:00 am	Surrounding	Pillow cover	Cotton

Form groups of 4-5 students and pool your observations; and also discuss the fabrics used for apparel worn by them in school and at home.

Fabrics Around Us

Theme Thermal property and inflammability of fabrics
Task Burning test on various fabrics and analysis of its type

Purpose of the Activity: Inflammability of fabrics will help to test the behaviour of fabrics in flame and while approaching flame. This will help consumer in taking special care when in use. This is also a way of identifying fibre content of fabrics which are in five composition.

Heat affects different fibres in different ways. Some fibres scorch and flame, others melt and/or flame or shrink. Some fibres are self extinguishing, others are completely non-combustible.

Burning Characteristics of Fibres					
Fibre	**Approaching flame**	**In flame**	**Removed from flame**	**Odour**	**Ash or residue**
Cotton and Linen	Does not shrink, catches fire	Burns quickly	Continues burning, has an afterglow	Burning paper	Light, soft ash, retains shape
Wool and silk	Curls away from flame	Burns slowly	Self extin-guishing	Burning hair	Brittle, curled, small amount, crushable ash
Rayon	Does not shrink, catches fire	Burns quickly	Continues to burn rapidly	Burning paper	Light, fluffy residue, very small amount
Nylon	Shrinks	Melts, catches fire	Continues melting	Acrid	Hard, tan coloured bead
Polyster	Shrinks	Melts, catches fire	Continues melting	Plastic burn-ing	Hard, black coloured bead
Acrylic	Does not shrink, catches fire	Burns rapidly with melting	Continues burning	Acrid	Hard, black coloured, crinkly bead

Conduct of the practical

1.Take a narrow strip of the fabric (½ cm X 5 cm)

2.Hold the strip with a forceps or tongs and do the burning test by bringing it near a burning candle, or low flame of spirit lamp.

Precaution

Perform this experiment on a very low flame of a candle or spirit lamp under the supervision of a teacher.

3.Repeat the process by taking 4-5 samples of different fabrics and record the observations.

	Appro-aching flame	In flame	Removed from flame	Odour	Residue (colour and texture)	Conclusion

DECENT PUBLIC SCHOOL

SUMMER VACATION WORK (2020-21)

CLASS-XI

SUBJECT- MATHEMATICS

A.NCERT BOOK AND NCERT EXEMPLAR BOOK WORK:

1.Do examples, exercise questions of

-chapter 1 SETS(Exercise 1.1 to Exercise 1.6)

-chapter 9 SEQUENCE and SERIES (Exercise 9.1 to Exercise 9.4)

2. Do chapter12 Introduction to Three Dimensional Geometry (Exercise 12.1 to Exercise12.3)including definition of Three Coordinate planes,octants,formulas of distance between two points, Section formula. For this chapter follow the links given below:

(https://youtu.be/Z4XQmd-RNjU)

(https://youtu.be/AVkRlyd2pMw)

(https://youtu.be/cBbWbz0kQaQ)

(Do work of chapter 1 and 9 in Register 1 and chapter 12 in Register 2)

B. ACTIVITY AND PROJECT WORK:

1.Do Activity Number 1 to 4 in your math's practical file. For Activities Follow the link. (Lab manual XI.pmd -ncert)

2. Make a model of octants related to chapter 12 Introduction to Three Dimensional Geometry. Follow the link.(https://youtu.be/gp0CGjaNk0s)

3. Do the given worksheets :

- Chapter 1 Sets

https://drive.google.com/uc?export=download&id=1lI7e9Bn7VJDQSR6jXqZxjB4Y1aprUwFY

-Chapter 9 Sequence and series

https://drive.google.com/uc?export=download&id=1v-9ZoZqz_gVKVsl20Mb51NEyn5Vjp1Vw

-Chapter 12 Introduction to Three Dimensional Geometry

https://drive.google.com/uc?export=download&id=1rcZvv3hVOt3SL8i3tRiDd6VlVEMp2Poz

(Do the given worksheets in Register 2)

FOLLOW THE GUIDELINES:

1. **Do one exercise daily from NCERT BOOK AND NCERT EXEMPLAR BOOK.**
2. **Do neat and clean work, putting date, chapter name, number and exercise number before starting the work.**
3. **Always mark finish line after completion each solution.**
4. **Fill the index regularly with date.**

DECENT PUBLIC SCHOOL

Holiday homework

Class:11th

Subject: physics

1. Solve all the numericals from S.L ARORA in P2:

Chapter 2: units and measurement

Chapter 3: motion in straight line

Chapter 4: motion in plane

2. Do the given worksheet from the following links in P2:

Worksheet of chapter 2:

Link: https://drive.google.com/uc?export=download&id=1Figmgvyqar9XpPjRcefoPYiBUqntcdRC

Worksheet of chapter 3:

Link: https://drive.google.com/uc?export=download&id=1yvKt3g56TrzUSpxEVVGHUBgau_2n_atj

Worksheet of chapter 4:

Link:https://drive.google.com/uc?export=download&id=1FsUblmYQRR7JHGYhh2WsDIKUj4vZ2YfT

3. Watch the practical video from the following link and make notes and prepare 10 viva questions on each practical..

1. **To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.**

Link1:https://youtu.be/ySRN3yuZUT0

Link2:https://youtu.be/zqCkb80o_wY

2. **To measure diameter of a given wire and thickness of a given sheet using screw gauge and also determine volume of an irregular lamina using screw gauge.**

Link1:https://youtu.be/11EM0nZUdqE

Link2:https://youtu.be/e-fqEZvZK3s

Instruction:

1.Physics Register1 (P1) for class notes

2.Physics Register2 (P2) for numericals and worksheets

3.Physics practical file for practicals

HOLIDAY-HOMEWORK

CLASS: XI

SUBJECT: POLITICAL SCIENCE

PROJECT WORK:

1. Compare the preamble of the constitution of the India, America and South Africa. Make a list of ideas that are common and differentiate all.
2. Write the bill of rights of any 4 countries and collect 10 news articles of each country where you find these rights have been violated.
3. Write your own bill of rights and fundamental rights with their article.

A. Complete all the question answers of the following:

1. Ch-1: what and how constitution and philosophy of the constitution.
2. Ch-2: rights in the constitution.

B. DO ALL THE WORKSHEETS GIVEN TO YOU IN THE CLASS.

C. FOLLOW THESE YOUTUBE LINK POSITIVELY:

1. **https://youtu.be/zO9rC6ijMNw**
2. **https://youtu.be/OnU_BB9-G3w**

DECENT PUBLIC SCHOOL
CLASS -XI
PHYSICAL EDUCATION - SUMMER VACATION WORK

CHAPTER 3 - Physical Fitness,Wellness and Lifestyle

Read the chapter thoroughly and for brief explanation go through the provided link of chapter.

- Link :- https://youtu.be/EASnAtY-vTY
- Link :- https://youtu.be/CuZOMYfdfqc

* Do Practice Question 3.1 and 3.2 from the book

- 3.1 - Short – I ,Q no 3 - **Page no 42**
- 3.1 - Short – II, Q no 3- **Page no 42**
- 3.2 - Short – II, Q no 1 - **Page no 46**

• Do All the Multiple Choice Type Question in the Book - **Page no 48**

#CHAPTER 5 - Yoga

- Link :- https://youtu.be/0_PM1wYPjKE

Do Practice Question from the book

- 5.1 - Short – II, Q no 1- **Page no 75**
- 5.2 - Short – II, Q no 1- **Page no 78**

Practical File work : -

Yoga- *Write down the five Asan with their Procedure,Benefits and Contraindication.Also* a *Paste the pitcture of each asan .*

 # FOLLOW THE GUIDELINES:-
- Cover and label the notebooks properly.
- Do mention the chapter number along with the name.
- Always mark finish line on completion of each Answer
- Fill the index regularly with date.

 # Prescribed Book and Notebook :-

- Book – **Big Think Health and Physical Education**
- Note Book - Register for Physical Education (Pages-144)
- Yoga Practical work will be do on Practical NoteBook.