EMIL DAV PUBLIC SCHOOL
CLASS-IX   HOLIDAY HOMEWORK

SUBJECT-ENGLISH

1. Write articles on the following topics.
   I) Uniforms are essential in schools.
   Ii) Commercialization of Education
   Iii) Problems of Old age
2. You visited a zoo last week. After seeing the caged animals you became very sad. Write a diary entry expressing your feelings.
3. Write a diary entry describing about how you enjoyed the celebration of your birthday last week when several friends and relatives made the occasion lively and worth remembrance.
4. Write a story on the following information---
   " I woke up in the middle of the night and saw huge caterpillars moving in my garden…..
5. Develop a story based on the following information—
   "Once upon a time there lived a young boy called Bunty. He came from a very poor family. One fine day he left home and came to Mumbai and started polishing shoes at the Mumbai Central Railway station……
6. Learn the answers of all the chapters that have been taught

SUBJECT : COMPUTER SCIENCE (INFORMATION TECHNOLOGY, CODE NO: 402)

1. Communication skill : Read and write one paragraph daily of your own or from a book
2. Read parts of speech (English) and make use of your own
3. Read Tense , Read Articles, Read News Paper or any such Relevant Magazine
4. Practice / Learn Excel, chapter 1 (What is a Spreadsheet, a Workbook, Grid, no of Rows and no of Columns
5. Prepare a Result Sheet as follow in Excel.

Sl. No.	Roll No	Name	English	Math	Science	Computer	Total	Average	Result	Div.
1										
2										
3										

Consider the following while preparing the Result Sheet
a. The initial should be in Capital Letter of name column.
b. Total of marks should be automatically calculated.
c. Average of three subject should be automatically calculated

d. Result pass or Fail should be displayed in the result column according to the condition of Average marks i.e. if avg is more than or equal to 40 then **Passed** should appear in the column
else **Fail**.
e. Division should appear in the column according to the avg of passed candidate
Such as   1. >=60 then first   2. >=50 and <60 then Second   3. >=40 and <50 then Third

Sub : Science (Biology)

1. Draw a neat and labelled diagram of Plant cell and animal cell respectively.
2. Inside questions – pg. no. – 59, 61, 65.
3. Do the exercise of the chapter. Qus no. 1-9.
4. What would happen if shelled raw egg and de-shelled boiled egg are placed in water?
5. What happens to an animal cell when it is placed in a very dilute external medium? Why?
6. Write down the main functions of
    (i) Endoplasmic reticulum   (ii) Ribosomes
7. 'Lysosomes are called digestive bags'. Why?
8. Where do the ribosomes get synthesized?
    a. Name any cell organelle which is non-membranous.
    b. What is the main function of Golgi bodies?
9. HOTS :
    a. What will happen if Golgi apparatus is removed from the cell.
    b. What will happen if chlorophyll is taken out of the cell and illuminated?
    c. What will happen if
        (i)   Excess amount of fertilizer is added to a green lawn.
        (ii)   Salt is added to cut pieces of raw mango.

Science (Physics)

1. Complete all the questions of NCERT Textbook up to page no 107 of chapter Motion.
2. Prepare any 50 questions with answers of your own from chapter Motion.

Science(chemistry)

1. Learn and practice chapter 1 upto common units of temperature and SI unit of temperature
Extra Questions
1. Name two processes which prvide the best evidence for the motion of particles in matter

2. Which of the two diffuses faster :
   a. A Liquid
      Or
   b. A Gas
3. Give two reason justifying that :
   a. water is a liquid at room temperature
   b. an Iron almirah is a Solid
4. Explain why diffusion occurs more quickly in a Gas than in a Liquid.
5. When a beam of sunlight enters a room through a window, we can see tiny particles X suspended in a gas Y which are moving rapidly in a very haphazard manner.
   a. What could particles X be?
   b. Name the Gas Y.
   c. What is the phenomenon exhibited by particles X known as?
   d. What is causing the movement of particles X?
   e. What conclusion does the existence of this phenomenon give us about the nature of matter

HINDI (HOLIDAY HOMEWORK)

1. पाठ – 2 (स्पर्श) – प्रश्न –उत्तर

2. पाठ – 1(पद्य) – प्रश्न – उत्तर

3. संधि (स्वर संधि) – 30

4. वर्ण विच्छेद – 30

5. पत्र लेखन – छात्रावास की जीवन शैली का अवगत कराते हुए अपनी माता जी को पत्र लिखिए |

6. अनुच्छेद लेखन – मेरे सपनों का भारत

MATHEMATICS

➤ Completion of the exercises of a) Number System
                                   b) Polynomials
➤ ACTIVITY
   NUMBER SYSTEM
        a) Rational Numbers (Definition, Types, Examples)
        b) Irrational Numbers (Definition, Examples)
   POLYNOMIALS
        c) Polynomials (Definition, Types, Co-efficient, Degree of the

polynomial, Zeroes of the polynomial)
d) Algebric Identities

SOCIAL SCIENCE

HISTORY:- (1) FRENCH REVOLUTION :- Learn all question answers for class test after summer vacation.

(2) write 30 question answers again .

GEOGRAPHY AND POLITICAL SCIENCE

- ➤ Do one mark question answer from the following chapter:
  - India size and location
  - Physical features of India
  - Drainage
  - What is democracy? And why democracy?
- ➤ Make a project on disaster management.
- ➤ Do the map skill from geography chapter 1 and 2.

ECONOMICS:- (1) VILLAGE PALAMPUR:- Do all text book questions and learn it.

SUB : ODIA

ପଦ୍ୟ – କାହାମୁଖ ଅନାଇ ବଞ୍ଚିବିର ପ୍ରଶ୍ନୋତ୍ତର

ବ୍ୟାକରଣ – ସ୍ୱରସନ୍ଧି

ଗଳ୍ପ – ବୁଢ଼ାଶଙ୍ଖାରିର ପ୍ରଶ୍ନୋତ୍ତର

ରଚନା – ଗ୍ରୀଷ୍ମକାଳୀନ ପଲ୍ଲୀର ଦୃଶ୍ୟ

ଦୂରଦର୍ଶନର ସାମାଜିକ ଉପକାରିତା

ଦରଖାସ୍ତ – ତୁମ ଗ୍ରାମରେ ଏକ ପ୍ରାଥମିକ ସ୍ୱାସ୍ଥ୍ୟକେନ୍ଦ୍ର ପ୍ରତିଷ୍ଠା ନିମନ୍ତେ ସ୍ୱାସ୍ଥ୍ୟ ସଚିବଙ୍କ ନିକଟକୁ ଦରଖାସ୍ତ ଲେଖ .