

LT. COL. MEHAR LITTLE ANGELS SR. SEC. SCHOOL
HOLIDAYS HOMEWORK 2018-2019
CLASS VIII

ENGLISH

1. Design a magazine with following requirements.
 - a. An attractive cover page.
 - b. Name of the magazine.
 - c. An article on hygiene.
 - d. Four small stories with pictures.
 - e. Jokes.
 - f. English riddles.
 - g. Crossword/puzzles.
 - h. Advertisements (5)
 - i. Idioms and Proverbs(twenty each)
 - j. Synonyms and Antonyms(twenty each)
 - k. Famous sayings of Eminent Personalities(5)
2. Make a display card of A4 size.
 - a. Use an A4 size pastel sheet of Green, Yellow, Blue or any other light colour.
 - b. Paste the pictures of any one of the following authors:
 - i) Rabindranath Tagore
 - ii) Ruskin Bond
 - iii) O Henry
 - iv) William Shakespeare

Below it provide the following information-
Date of Birth, Popular Work, Awards received.

3. Word Meanings and Sentences
Fervour, Festive, Frame work, Illuminations, Gorgeous, Never your fear, Joyous, Trimming, Bristly, Adorn, Radiant, Gleefully, Mellow, Meditation, Contentment, Conversation, Volunteers, Enclosure, Flippers, Patrolled, Hatchlings, Resolution, Breeding ground, Ironic, Endangered, Migrate, Trampled on, Instinctively, Wandering feet, Echoing forest and echoing street, Kindred.(note: two sentences each).

MATHEMATICS

- I. Do the following exercises of given chapters in a separate notebook.
 - (a) Chapter 1 – Rational numbers
Exercises 1.1 to 1.6
 - (b) Chapter 2 – Powers and Exponents
Exercises 2.1 to 2.3
 - (c) Chapter 3 – Square and Square Roots
Exercises 3.1 to 3.5
- II. Do Math's Lab Activities given on pages of the book on A4 size sheets.
- III. Project
Roll no's 1-20 :- Prepare a project on Transformation of graphs. Select a paragraph from any of the English newspaper. Make a tally chart, Bar Graph and line graph of
 - (a) letter word 2
 - (b) letter word 3
 - (c) letter word 4 etcRoll no 21-45 Make a wall clock or wall hanging on Square roots
- IV. Make a flip chart or poster on A-3 size sheet

Roll no's 1-10 - Powers and Exponents
 Roll no's 11-20 - Volume / Three dimensional shapes
 Roll no's 21-30 - Pythagoras Theorem
 Roll no's 31-45 - Percentage

V. Do the given assignment on A4 size ruled sheets

- 1) Find the square root of the following : 11025 ; 298116
- 2) Write each of the following as square of a natural number :
 - (i) $36 = \underline{\hspace{2cm}}$ (ii) $49 = \underline{\hspace{2cm}}$ (iii) $144 = \underline{\hspace{2cm}}$
 - (iv) $81 = \underline{\hspace{2cm}}$ (v) $121 = \underline{\hspace{2cm}}$ (vi) $256 = \underline{\hspace{2cm}}$
 - (vii) $169 = \underline{\hspace{2cm}}$ (viii) $225 = \underline{\hspace{2cm}}$ (ix) $400 = \underline{\hspace{2cm}}$
- 3) Underline the numbers which are perfect squares :
1000, 2500, 36000, 490, 12100, 8100, 50000, 10000
- 4) Write, if the square of each of the following numbers is odd or even.
 - (i) $42 = \underline{\hspace{2cm}}$ (ii) $33 = \underline{\hspace{2cm}}$ (iii) $331 = \underline{\hspace{2cm}}$
 - (iv) $121 = \underline{\hspace{2cm}}$ (v) $110 = \underline{\hspace{2cm}}$ (vi) $60 = \underline{\hspace{2cm}}$
- 5) Use the division method to find the square root of the following numbers :
 - (i) 4489 (ii) 88804 (iii) 15625
 - (iv) 12321 (v) 11025 (vi) 4937284
- 6) Find the smallest number by which 3872 should be multiplied so that the product is a perfect square. Also, find the square root of the new number.
- 7) Express the following numbers in standard form :
 - (i) 2735000000000 (ii) 89400000000000 (iii) 4007000000000000
 - (iv) 0.0007256 (v) 0.00000002803 (vi) 0.0000000000008
 - (vii) 0.000001985
- 8) Find the smallest number by which each of the given numbers should be divided so that the result is a perfect square :
 - a) 180 b) 1575 c) 6912 d) 19200
- 9) Write the following rational numbers in the standard form:
 - a) $5/15$ b) $-24/40$ c) $33/-77$ d) $-45/-105$
- 10) Compare the following rational numbers:
 - 1) $-9/27$, $6/-18$ 2) $-5/7$, $10/-6$
 - 3) $3/-8$, $-15/40$ 4) $-11/7$, $33/21$
- 11) Arrange the following rational numbers in the descending order:
 - 1) $2/-3$, $-4/9$, $-5/12$, $7/-18$
 - 2) $3/-4$, $-5/12$, $-7/16$, $9/-24$
- 12) Write the following rational numbers in the standard form:
 - a) $5/15$ b) $-24/40$ c) $33/-77$ d) $-45/-105$
- 13) Compare the following rational numbers:
 - 1) $-9/27$, $6/-18$ 2) $-5/7$, $10/-6$
 - 3) $3/-8$, $-15/40$ 4) $-11/7$, $33/21$
- 14) Arrange the following rational numbers in the descending order:
 - 1) $2/-3$, $-4/9$, $-5/12$, $7/-18$
 - 2) $3/-4$, $-5/12$, $-7/16$, $9/-24$
- 15) Simplify the following:
 - 1) $(2/3) + (-4/5) + 1 + (-2/3) + (-11/5)$
 - 2) $(5/8) + (-8/9) + 0 + (-13/3) + (17/24)$
- 16) Subtract : 1) $(-3/4)$ from $(1/2)$ 2) $(5/8)$ from $(-3/14)$
- 17) What should be added to $(-7/20)$ to get $(-2/5)$?
- 18) Verify the property $a \times b = b \times a$ by taking :
 - 1) $a = (-12/7)$, $b = (-21/5)$ 2) $a = 0$, $b = (-13/3)$
- 19) Find three rational numbers between:
 - 1) -5 and 8 2) $(-1/3)$ and $(1/2)$
- 20) Add:
 - 1) $3/7$ and $-9/7$, 2) $5/9$ and $7/-9$ 3) $2/5$, $5/-9$ and $-6/15$

SCIENCE

A) Prepare a project on the topic-“OPTIMUM HEALTH”

Project should include:

1. Definition of optimum health by WHO.
2. Factors responsible for degradation of health.
3. What are lifestyle diseases?
4. Causes of lifestyle diseases.
5. Toxic chemicals in food.
6. News clippings and articles related to lifestyle diseases, chemicals in processed and unprocessed food, artificial ripening of fruits and vegetables.(collage)

NOTE: Use A3 size plain sheets for project work and pastel sheet for collage.

B) Learn lesson 1 and 2 for first periodic test.

SOCIAL SCIENCE

1. Paste pictures of all Presidents and Prime Ministers of India in a project file and prepare a biographical detail of the former President of India Dr. APJ Abdul Kalam. Write about his achievements and vision.
2. Think and analyse- Paste pictures and write information in a project file.
Gradual progress in the condition of women in our society. Select any three women from Indian History who inspires you. Make a report on their struggle and achievements.

GENERAL KNOWLEDGE

Make a scrapbook containing 50 current affairs with pictures. (Current affairs should be from daily newspaper)

COMPUTERS

Create a Photoshop document according to your roll number.

(Roll No 1-15) Create a collage to represent various places where you visited during your summer vacations.

(Roll No 16-30) Create a collage of various “Types of Networks”. Include the necessary information along with pictures.

(Roll No 31 onwards) Create a poster on “Cyber Security”. Include the necessary information along with pictures.

Note:

- a. Use the concept of layers, various blending options, auto shapes and colour schemes in your document.
- b. Save your file with your name, jpeg(image) as well as png(photoshop) and bring its soft copy in a CD and coloured hard copy of the same in a file folder.

कक्षा - अष्टमी
विषय - संस्कृत
पाठ - 3 से 5 तक का अभ्यास करें। कठिन शब्दों को लिखें।
1 से 70 तक संख्या गृह कार्य पुस्तिका में करें।
शब्द रूप (हरि, माता, पिता, गुरु) लिखें तथा स्मरण करें।
धातु रूप (लट्, लृट्, लङ्, लीट्) गृह कार्य पुस्तिका में लिखें तथा स्मरण करें।

ग्रीष्मकालीन अवकाश कार्य

कक्षा - आठवीं

निम्नलिखित कार्य अवकाश गृहकार्य कॉपी में करें:

- (1) पाठ - 3, 4 प्रश्न - उत्तर, अभ्यास कार्य व व्याकरण पाठ-1, 2 अभ्यास कार्य आवधिक परीक्षा हेतु याद करें -
- (2) समाचार पत्र से कोई 4 लेख-काट कर चिपकाएँ व सैजा, सर्वनाम, क्रिया और विशेषण शब्द छंट कर लिखें -
- (3) शब्द - अंडार (विलोम/पर्यायवाची शब्द) लिखें - (25-25)
- (4) मुहावरों के अर्थ लिखकर वाक्य बनाएँ (1से 30)
- (5) वर्तमान समय में बढ़ती सड़क दुर्घटनाओं के संबंध में दो मित्रों के बीच संवाद लिखें ।
- (6) पाठ - 3, 4 के कठिन शब्द लिखकर वाक्य बनाएँ (20-20)
- (7) आषण - प्रतियोगिता हेतु किसी एक विषय पर आषण लिखकर आषण तैयार करें ।
 - (i) अपकारी पर भी अपकार करना चाहिए
 - (ii) यदि मैं नेता होता
 - (iii) प्रदूषण का प्रकोप
 - (iv) मन के हारे हार है