

ARMY PUBLIC SCHOOL, PATIALA
HOLIDAYS' HOMEWORK
SESSION:-2019-2020
CLASS: VI

English

1. Make a display card using A4 size sheet. Paste a picture of your home and write a few lines about your home and family.
2. Mastering Grammar-Do the following in Grammar notebook.

a) Comprehension-(Page 150 -(C) and Page 152- (F)) b) Letter Writing – (Page 165 –Exercise A – Q3 and Q5)

Science

1. WRITE THE FOLLOWING ACTIVITIES IN SCIENCE LAB. MANUAL

- a) To test the presence of proteins in a given food sample.
 - b) To test the presence of fats in a given food sample.
2. Revise question answers and diagrams of the following chapters:
Ch-1 Food: Where does it come from? Ch-2 Components of food Ch-3 Fibre to fabric

Hindi

1. अनुच्छेद लिखें :-
प्रदूषण एवं समय का सदुपयोग
 2. अपने छोटे भाई को, जो छठी कक्षा में अनुत्तीर्ण हो गया है, संवेदना पत्र लिखिए।
 3. अपने विद्यालय के प्रधानाचार्य को विद्यालय छोड़ने का प्रमाण पत्र देने के लिए प्रार्थना पत्र लिखिए।
 4. आपने गर्मी की छुट्टियाँ कैसे बिताई, आपके और आपके मित्र के बीच हुई वार्तालाप को संवाद के रूप में लिखें।
 5. किसी दंत मंजन कंपनी का विज्ञापन तैयार कीजिए।
 6. विभिन्न डाक टिकटों को अलबम में चिपकाएँ।
- ग्रीष्मावकाश कार्य व्याकरण की कॉपी में ही करें।

विषय- संस्कृत

1. धातु रूप - गम् , लिख् , पठ् , चल् लट् और लृट् लकार में लिखें व याद करें।
 2. शब्द रूप - बालक , देव लिखें व याद करें।
 3. रूचिरा- पाठ 3 से 8 केवल पठन हेतु।
- क्रियाकलाप- फल देने वाले वृक्षों के चित्र लगाकर उनके नाम संस्कृत में लिखें।

ग्रीष्मावकाश कार्य व्याकरण की कॉपी में ही करें।

Social Studies

History - Make a collage on '*Life of Early Human*', Read and learn following chapter:- Ch 1 What Where How and When Ch 2 On the Trail of the Earliest People

Geography - Draw diagram of '*Heat zones of the Earth*', Read and learn following chapter:-

- Ch 1 Our Earth in the Solar System
Ch 2 Globe: Latitudes and longitudes

Civics -

Make a list of Five different *Folk dances*, *Food items* and *famous Festivals* of different states showing '*Diversity in India*'.

Read and learn following chapter:- Ch 1 Understanding Diversity

Ch 2 Diversity and Discrimination

Maths

- 1) Write the smallest natural and smallest whole number.
- 2) Name the property.
 - a) $(20 + 3) + 16 = 20 + (3 + 16)$
 - b) $(68 \times 4) \times 20 = 68 \times (4 \times 20)$
 - c) $12 \times (50 + 15) = 12 \times 50 + 12 \times 15$
- 3) How many whole numbers are there between 52 and 73.
- 4) Find the product of the following using Distributive property: 838×101 .
- 5) Find the product by suitable rearrangement:

- a) $8 \times 391 \times 125$
b) $2 \times 1234 \times 50$
- 6) The school canteen charges Rs 30 for lunch and Rs 8 for milk for each day. How much money do you spend in 8 days?
- 7) Solve the following using properties: $91725 \times 179 - 91725 \times 79$.
- 8) Find the sum by suitable rearrangement:
a) $234 + 197 + 103$
b) $721 + 265 + 279$
- 9) Write the predecessor and successor of
a) 273
b) 1001
- 10) Insert comas and write the numeral according to Indian system of numeration.
a) 1920218
b) 54562315
- 11) Insert commas and write the numeral according to International system of numeration:
a) 2658475
b) 4569021
- 12) Arrange the following numbers in descending order:
a) 12098, 12980, 12890, 12089
b) 2008909, 299088, 2000899, 298099
- 13) Write the smallest and the greatest 4 digit numbers by using the following digits.
a) 6, 2, 7, 4
b) 3, 6, 9, 7
- 14) The distance between Anu's home and her school is 4km 875m. Every day she cycles both ways. Find the distance covered by her in a week.
- 15) Estimate
i) $13,805 + 3,977$ (Rounding off to nearest thousands)
ii) 673×833 (Rounding off to nearest hundreds)

Computer

1. Make a chart/file on input devices. (even roll no.)
2. Make a chart/file on output devices. (odd roll no.)

Art and craft

1. Complete your book till page 15.
2. Do any 7 activities given on page number -31,33,36,38,39,45,49,54,55,56.
3. Any one drawing from-
 - a)Page number- 7,8,9
 - b)Page number- 10,11,13

CLASS: VII

English

1. Make a display card using A4 size sheet. Paste the picture of any one of the following authors. Rabindranath Tagore, Ruskin Bond, O Henry, William Shakespeare
Below it, Provide the following information about the author.

-Date of birth -Famous works -Awards received

OR

Paste the picture of ant/squirrel and Mention some important features and facts about any one of them.

2. Mastering Grammar-Do the following in Grammar notebook.

- Comprehension-(Page 183-(C) and (D))
- Letter Writing - (Page 196 – Q7 and Q8)
- Notice Writing –(Page 189 – Exercise A – Q2 and Q3)

Science

1. Write the following activities in science lab manual:

- To study the parts of human digestive system.
- To study the life cycle of silk moth.

2. Revise question answers and diagrams of the following chapters:

Chapter 1 Nutrition in plants Chapter 2 nutrition in animals Chapter 3 fibre to fabric

Hindi

****अनुच्छेद लिखें:-**

- श्रम का महत्त्व
- ऐसी वाणी बोलिए, मन का आपा खोए

****पत्र:-**

- अपने क्षेत्र की समुचित सफाई हेतु नगर-निगम के स्वास्थ्य अधिकारी को पत्र लिखें।
 - मित्र के पिताजी के निधन पर संवेदना-पत्र लिखें।
- **किसी भी कंपनी के शरबत का एक सुंदर विज्ञापन तैयार कीजिए।**
- **पिता और पुत्री के बीच 'समय के सदुपयोग' विषय पर हुई बातचीत को संवाद के रूप में लिखें।**
- **रचनात्मक गतिविधि:- नदियों से होने वाले लाभ दस पंक्तियों में लिखें। यह कार्य अपनी व्याकरण की कापी में लिखें।**

Sanskrit

- शब्द रूप – देव , मुनि , साधु ।
- धातु रूप – गम् , लिख् , भू , पिब् , दृश् लट् , लृट् , लोट् लकार में।
- संख्यावाचक- 1 से 30 तक ।
- पठन कार्य हेतु (रुचिरा) – पाठ – 3 से 7 तक ।
क्रियाकलाप
- पाठ 1 से कोई एक श्लोक याद करना ।
- कोई पाँच समाज सुधारकों के चित्र लगाकर नाम लिखें। संपूर्ण कार्य गृहकार्य पुस्तिका में करना है ।

Social Studies

Prepare a flow chart on major components of the environment in your notebook.

Make a diagram of rock cycle in your note book

History

Read and learn the following chapters:- Ch:-1 Tracing Changes Through A Thousand years

Ch:-2 New Kings and Kingdoms

Geography

Read and learn the following chapters:-

Ch:-1 Environment

Ch-2 Inside Our Earth

Civics

Read and learn the following chapters:-

Ch:-1 On Equality

Ch:-2 Role of the Government in Health

Maths

- Express 3470g in kg.
- Write a pair of integers whose sum is 0 .
- i.) Find the product of $(-10) \times (-11) \times (-12)$ ii.) Multiply $6 \times 3\frac{1}{4}$ and express as a mixed fraction.
- i.) Write 200.03 in expanded form. ii.) Write place value of 2 in 21.37
- Which is greater 7 or 0.7
- Find $\frac{1}{2}$ of $4\frac{2}{9}$
- Write a negative integer and positive integer whose difference is -3 .
- Solve $\frac{7}{10} + \frac{2}{5} + \frac{3}{2}$
- Use the sign $<$, $>$ or $=$ in the box to make the statement true”
 - $(-8) + (-4)$ $(-8) - (-4)$
 - $39 + (-24) - (15)$ $36 + (-52) - (-36)$
- In a quiz, positive marks are given for correct answers and negative marks are given for incorrect answers. If Jack's scores in five successive rounds were 25, -5 , -10 , 15 and 10, what was his total at the end ?
- Priya planted 5 saplings in a row in her garden. The distance between two adjacent saplings is $\frac{3}{5}$ m. find the distance between the first and the last sapling.
- Find i.) $2\frac{1}{5} \div 1\frac{1}{5}$ ii.) $76.5 \div 0.15$ iii.) $3\frac{1}{2} \div \frac{8}{3}$
- A car runs 16 km using 1 litre of petrol. How much distance will it cover using $2\frac{3}{4}$ litres of petrol
- Which is greater : $\frac{1}{2}$ of $\frac{6}{7}$ or $\frac{2}{3}$ of $\frac{3}{7}$
- A rectangular sheet of paper is $12\frac{1}{2}$ cm long and $10\frac{2}{3}$ cm wide. Find its perimeter.

Computer

- Solve Unit test-1.
- Create the worksheet 1 given at page number 149 and bring its printout/sheet.

Art and craft

- Complete your book till page 13.
- Do any 7 activities from page 15,16,24,26,31,54,56,57,58,60,63 and 64.
- Draw one drawing from page 7,8, 9 and one from page 10,11,13 in your drawing file.
- Do the spray painting from page 55 in your file.

CLASS: VIII

English

Make a display card of A4 size sheet and paste the picture of any one of the following authors and follow the instructions given underneath:

. Jane Austen . Thomas Hardy . R.K. Narayan

Below it, provide the following information about the author: (Date of birth, Popular works, Awards received)

From Mastering Grammar:

Do all the five comprehensions given on Page no. 233

Do first three questions of Notice Writing given on Page no. 168

Do first four questions of Letter Writing given on Page no. 176

Write 30 new words along with their meanings.

Read Newspaper every day.

Science

1. ACTIVITIES IN LAB MANUAL

a) To study the action of yeast on kneaded flour.

b) To show that general solid metals are malleable while solid non metals are not.

2. Learn question answers of Ch-1, 2 and 3 along with the diagrams.

Hindi

1) निम्नलिखित विषयों पर अनुच्छेद लिखें :-

क) पराधीन सपनेहु सुख नहीं।

ख) गुरु कुम्हार सिख कुंभ है, गढ़ि गढ़ि काढ़ै खोट।

2) पत्र -लेखन :-

क) ग्रीष्मावकाश साथ बिताने के लिए मित्र को पत्र लिखिए।

ख) अनियमित डाक-वितरण के संबंध में पोस्ट मास्टर जनरल को एक शिकायती पत्र लिखिए।

3) हिंदी क्रिया-कलाप :-

प्रकृति(कुदरत) विषय से संबंधित कविता लिखिए।

4) विज्ञापन-लेखन :-

कश-संजीवनी नाम की एक हेयर ऑयल कंपनी बाज़ार में आई है। इसके लिए विज्ञापन तैयार कीजिए।

5) संवाद- लेखन :-

आवधिक मूल्यांकन-1(पी.ए-1) के परिणाम को लेकर दो छात्रों के बीच संवाद लिखिए।

ग्रीष्मावकाश गृहकार्य व्याकरण की कॉपी में कीजिए।

Sanskrit

1. शब्द रूप – माता , राजन् , अस्मद्, युष्मद् ।

2. धातु रूप – गम् , लिख् , पा , पठ् , खाद् लट् ,लृट् ,लङ् लकार में।

3. संख्यावाचक- 51 से 70 तक ।

4. पठन कार्य हेतु (रुचिरा) – पाठ – 3 से 7 तक।

क्रियाकलाप

5. पाठ 1 से कोई एक श्लोक याद करना ।

6. भारतीय शिक्षा के विकास के क्रमों को चित्रों के माध्यम से दर्शाना।

संपूर्ण कार्य गृहकार्य पुस्तिका में करना है।

Social studies

Prepare a project on “Types of Vegetation”. Paste five pictures related to types of vegetation and explain it in your notebook.

History

Read and Learn the following chapters:-

CH-1. How, When and Where

CH-2. From Trade to Territory: The Company Establishes Power

Geography

Read and Learn the following chapters:- CH-1. Resources CH-2. Land, Soil, Water, Natural Vegetation and Wildlife Resources

Read and Learn the following chapters:- CH-1. The Indian Constitution CH-2. Understanding Secularism

Maths

A) Solve the following questions:

1. Find ten rational numbers between $\frac{1}{4}$ and $\frac{1}{2}$.
2. Verify the property

$$X \times (Y + Z) = X \times Y + X \times Z$$
 by taking

$$X = \frac{-3}{7}, Y = \frac{12}{13}, Z = \frac{-5}{6}$$
3. Simplify $\frac{x+5}{2} + \frac{x-5}{3} = \frac{25}{6}$
4. A laborer is engaged for 20 days on the condition that he will receive Rs.60 for each day he works and he will be fined 25 for each day, he is absent. If he receives Rs.745 in all, for how many days he remained absent?
5. A number consists of two digits whose sum is 8. If 18 is added to the number its digits are reversed. Find the number.
6. In a rational number, twice the numerator is 2 more than the denominator. If 3 is added to each, the numerator and the denominator, the new fraction is $\frac{2}{3}$. Find the original number.
7. A sum of Rs.800 is in the form of denominations of Rs.10 and Rs.20. If the total number of notes be 50, find the number of notes of each type.
8. Solve $(3x - 8)(3x + 2) - (4x - 11)(2x + 1) = (x - 3)(x + 7)$
9. The measure of angles of a hexagon are $x^\circ, (x-5)^\circ, (x-5)^\circ, (2x-5)^\circ, (2x-5)^\circ, (2x+20)^\circ$. Find the value of 'x'.
10. Find the number of sides of a regular polygon, when each of its angles has a measure of (i) 160° , (ii) 135° .
11. Find (i) $14 \div 9\frac{1}{5}$ (ii) $\frac{2}{5} \div 5\frac{1}{2}$
12. Find (i) $0.4 \div 2$
 (ii) $0.9 \div 1000$
13. What number should be added to $\frac{-4}{11}$ to get $\frac{-3}{8}$?
14. Solve $\frac{6x+1}{3} + 1 = \frac{x-3}{6}$
15. Solve $\frac{3x+2}{5x+4} = \frac{3}{4}$

B) Revise ch- 1, 2, 3

Computer

1. Read chapter 1.
2. Make a chart/file on
 - a) Taking care of your computer? (even roll no.)
 - b) Taking care of yourself while using computer? (odd roll no.)

Art and craft

1. Complete your book till page 14.
2. Do any 7 activities from page 15,21,28,29,33,49,55,58,60 and 64.
3. Draw any one drawing from page 7,8,9 and one from page 10,11,13 in your drawing file.
4. Do spray painting from page 36 in your file.