

**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**HOLIDAY HOMEWORK 2018-2019**

**CLASS 10<sup>TH</sup>**

**SUBJECT ENGLISH**

1. Revision of full syllabus done yet in the class for Periodic Test 1.
2. Read any Book and write its Review.

FORMAT:

- a. Title- Writer's Name  
Publisher
  - b. Your Comments.
  - c. Why you liked/disliked?
3. Write any 5 Editorials of a Newspaper in your words.

## अवकाश कार्य कक्षा दसवीं

पुनरावृत्ति पाठ्यक्रम आवधिक परीक्षा एक

गद्य 1 बड़े भाई साहब 2 डायरी का एक पन्ना

पद्य 1 साखी 2 पद मीरा

संचयन

1 हरिहर काका

व्याकरण शब्द और पद पदबंध अपठित बोध अनुच्छेद लेखन सूचना लेखन

अपनी इच्छा से अपने मनपसंद शीर्षक पर तीन अनुच्छेद, तीन औपचारिक पत्र, तीन विज्ञापन, तीन संवाद और तीन सूचना लेखन अपनी (कक्षा कापी) में लिखो |

आर्मी पब्लिक स्कूल मीरां साहिब  
ग्रीष्म अवकाश कार्य २०१८ -१९

कक्षा : नवमी

पुनरावृत्ति कार्य / पीरियाडिक परीक्षण टेस्ट - एक - स्पर्श गद्य खंड -पाठ - एक , दो  
स्पर्श काव्य खंड -पाठ - 9, 10

संचयन पूरक पुस्तक - पाठ - एक गिल्लू

रचनात्मक कार्य - १. 'मिट्टी की महिमा' से संबंधित एक कविता लिखो |

२. पता कीजिए कि कौन - से साँप विषैले होते हैं ? उनके चित्र एकत्र  
कीजिए और भित्ति पत्रिका में लगाइए |

३. भक्त कबीर, गुरु नानक, नामदेव और मीराबाई के जीवन पर एक -  
एक अनुच्छेद लिखें |

४. नीति संबंधी अन्य कवियों के दोहे / एकत्र कीजिए और उन दोहों को  
चार्ट पर लिखकर भित्ति पत्रिका पर लगाइए |

आर्मी पब्लिक स्कूल मीरां साहिब  
ग्रीष्म अवकाश कार्य २०१८ -१९

कक्षा : नवमी

पुनरावृत्ति कार्य / पीरियाडिक परीक्षण टेस्ट - एक - स्पर्श गद्य खंड -पाठ - एक , दो  
स्पर्श काव्य खंड -पाठ - 9, 10

संचयन पूरक पुस्तक - पाठ - एक गिल्लू

रचनात्मक कार्य - १. 'मिट्टी की महिमा' से संबंधित एक कविता लिखो |

२. पता कीजिए कि कौन - से साँप विषैले होते हैं ? उनके चित्र एकत्र  
कीजिए और भित्ति पत्रिका में लगाइए |

३. भक्त कबीर, गुरु नानक, नामदेव और मीराबाई के जीवन पर एक -  
एक अनुच्छेद लिखें |

४. नीति संबंधी अन्य कवियों के दोहे / एकत्र कीजिए और उन दोहों को  
चार्ट पर लिखकर भित्ति पत्रिका पर लगाइए |

आर्मी पब्लिक स्कूल मीरां साहिब  
ग्रीष्म अवकाश कार्य 2018-19

कक्षा : सातवी

पुनरावृत्ति कार्य - पाठ एक से पाँच तक |

रचनात्मक कार्य :-

१. विभिन्न पक्षियों के चित्र एकत्रित करके एक एल्बम बनाइये |
२. परिवार में बुजुर्गों की क्या अहमियत है ? इस विषय पर एक अनुच्छेद लिखिए |
३. 'नदी की आत्मकथा' को अपने शब्दों में लिखिए |
४. विभिन्न प्रकार की कठपुतलियां बनाइये |
५. प्रतिदिन एक पृष्ठ सुंदर लिखें |
६. सृजनात्मक लेखन -
७. अनुच्छेद लेखन - श्रम का महत्त्व , परोपकार , समय का सदुपयोग
८. पत्र लेखन - पृष्ठ संख्या - २३५. २३६
९. अपठित बोध और चित्र वर्णन का अभ्यास करें |

१०.

आर्मी पब्लिक स्कूल मीरां साहिब  
ग्रीष्म -अवकाश कार्य 2018-2019

कक्षा-छठी

पुनरावृत्ति कार्य/पाठ्यक्रम :- वसंत भाग -1 पाठ 1 से 4 तक

पीरियाडिक-1

बाल रामायण :

अवधपुरी में राम,

जंगल और जनकपुरी

व्याकरण :

संज्ञा , सर्वनाम, क्रिया और

विशेषण

अपठित गद्यांश, अनुच्छेद

लेखन

रचनात्मक कार्य :-

1. अपने प्रिय पक्षी पर एक कविता लिखो |
2. गर्मियों या सर्दियों में जब तुम्हारी लम्बी छुटियाँ होती हैं तो तुम्हारा दिन कैसे बीतता है ? अपनी बुआ या किसी और को पत्र लिखकर बताओ |
3. नीचे दो प्रकार के कैलेंडर दिए गये हैं | इन्हें देखो और प्रश्नों के उत्तर लिखो |  
(पाठ-4 पृष्ठ 27)
4. अपनी इच्छा अनुसार दो अनुच्छेद: दो पत्र लिखो |
5. व्याकरण में दिए गये अपठित गद्यांश /काव्यांश एवं चित्र वर्णन के अभ्यास पढ़ो |
6. प्रतिदिन एक पेज सुंदर सुलेख लिखें |

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आर्मी पब्लिक स्कूल मीरां साहिब

## ग्रीष्म -अवकाश कार्य 2018-2019

कक्षा-आठवीं

पुनरावृत्ति कार्य :-पाठ्यक्रम वसंत भाग -3 पाठ 1 से 5 तक

पीरियाडिक -1 भारत की खोज पाठ-1, 2

व्याकरण :संज्ञा, कारक, विशेषण, अपठित बोध,  
अनुच्छेद

रचनात्मक कार्य :-

1. वसंत ऋतु पर एक कविता लिखो |
2. आपको छुट्टियों में किसके घर जाना सबसे अच्छा लगता है |
3. बस की आत्म कथा अपने शब्दों में लिखो |
4. पक्षी को संदेशवाहक बनाकर अनेक गीत लिखे गये हैं | इस तरह के तीन गीतों का संग्रह कीजिए |
5. अपनी इच्छा अनुसार तीन अनुच्छेद , तीन पत्र लिखो |
6. व्याकरण में दिए गये अपठित गद्यांश/काव्यांश एवं चित्र वर्णन के अभ्यास पढ़ो |
7. प्रतिदिन एक पेज सुंदर सुलेख लिखें |

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## कार्य पत्रिका पाठ 1

निम्नलिखित प्रश्नों के उत्तर दो -

- 1 चिड़िया के माध्यम से कविता में क्या सीख दी है ?
- 2 कविता में किस चिड़िया की बात की है ?
- 3 चिड़िया के चरित्र की मुख्य विशेषताएँ लिखिए ?
- 4 चिड़िया ने स्वयं को गरबीली क्यों कहा ?

निम्नलिखित शब्दों के अर्थ लिखियें

गरबीली, जुंडी, विजन, कंठ

## कार्य पत्रिका पाठ 2

लेखिका को बचपन में शिमला मॉल जाना क्यों अच्छा लगता था ?

लेखिका रविवार की सुबह किन किन कामों को करती थी ?

लम्बी सैर पर निकलते समय लेखिका अपने साथ क्या रक्खती थी ?

बचपन नामक कहानी के रचयिता कौन हैं ?

लेखिका बचपन में कैसी पोशाक पहनती थी ?

शब्द अर्थ लिखिए

दशक, मितली, कोलाहल, रफ्तार

### कार्य पत्रिका पाठ 3

श्यामा और केशव ने चिड़िया के बच्चों के लिये दाना पानी किस चीज़ में रखा था ? श्यामा और

श्यामा और केशव ने अंडो की हिफाज़त की तैयारिया कब की ?

केशव द्वारा अंडो को गद्दी पर रखने की बात सुन कर माँ क्यों हस पड़ी ?

निम्नलिखित प्रश्नों के उत्तर एक शब्द में दो

चिड़िया ने कितने अंडे दिए थे ?

चिड़िया ने अंडे कहा दिए थे ?

केशव कार्निंस पर किसे पहुंचा ?

अचानक श्यामा की आंख कितने बजे खुली ?

केशव और श्यामा सवेरे सवेरे क्या देखा करते थे ?



## कार्य पत्रिका पाठ 4

निम्नलिखित प्रश्नों के एक शब्द में उत्तर दो

चाँद से गप्पेई कोन लारा रहा था ?अ ?

चाँद की पोषक क्या है ?

चाँद के घटने बढने का कारण कविता में क्या बताया गया ?

चाँद बढते बढतेन कब गोल हो जाता है ?

चाँद की पोषक पर क्या जड़ा है ?

लडकी के अनुसार चाँद उससे क्या समझता है ?

लडकी चाँद के घटने बढने को क्या समझती है ?

चाँद का चेहरा कैसा है ?

## कार्य पत्रिका पाठ 5

प्रश्न 1 - शब्द अर्थ लिखो - तादाद , लिपियाँ , घौतक , काल

प्रश्न 2 - आ उपसर्ग लगाकर 6 शब्द बनाओ |

प्रश्न 3 - क्या होता अगर ...

क) हमारे पास अक्षर न होते

ख) भाषा न होती

प्रश्न 4 - अक्षरों की खोज का सिलसिला कब और कैसे शुरू हुआ ?

आर्मी पब्लिक स्कूल मीरां साहिब

कार्य-पत्रिका

कक्षा आठवीं

पाठ १ "ध्वनि"

- प्रश्न 1 ध्वनि कविता में कवि ने किसका चित्रण किया है ?
- प्रश्न 2 कवि अपने सपने किन्हें और क्यों देना चाहता है ?
- प्रश्न 3 होली के त्यौहार पर निबंध लिखें ! इस त्यौहार कि ऐतिहासिक प्रष्ठभूमि का उल्लेख करें !
- प्रश्न 4 कवि को ऐसा विश्वास क्यों है के उसका अंत अभी नहीं होगा ?
- प्रश्न 5 कवि के मन में बसंत के रूप में किसका संचार हुआ है ?
- प्रश्न 6 कवि किसे नवजीव प्रदान करना चाहता है ?
- प्रश्न 7 कवि अभी किसे नहीं पाना चाहता और क्यों ?
- प्रश्न 8 "ध्वनी" कविता के कवि का परिचय अपने शब्दों में दीजिए ?
- प्रश्न 9 बसंत को "ऋतुराज" क्यों कहा जाता है ?
- प्रश्न 10 निम्नलिखित शब्दों के अर्थ लिखिए

क... पात

ख... निद्रित

ग... मनोहर

घ... गात

**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**SESSION: 2018-19**

**(SUMMER BREAK) HOLIDAYS HOMEWORK**

**CLASS 9<sup>TH</sup>**

**Subject: Computer**

Q Gather information related to topics paste the pictures and write description in your computer notebook.

- Show features of smart phone.
- Name the new technologies that have emerged as a result of convergence
- Wired and wireless communication channels
- Name the Satellites launched By India
- Different fields where Internet is used.
- Learn chapter communication technology and convergence of technology

**ARMY PUBLIC SCHOOL MIRAN SAHIB  
WORKSHEET (SCIENCE)**

**CHAPTER: MATERIALS: METALS AND NON-METALS**

**CLASS: 8<sup>TH</sup>**

**A. Very short answer type questions**

1. Write the name of a metal which exists in liquid state.
2. What do you mean by rusting of iron?
3. What happens when a metal reacts with acid?
4. Name two most ductile metals.
5. Write any two physical properties of metals.

**B. Short answer type questions**

1. Sodium is stored in kerosene. Why?
2. Explain displacement reaction with the help of an example.
3. What are the physical properties of non-metals?
4. What happens when zinc reacts with sulphuric acid?
5. What happens when a copper vessel is exposed to moist air?

**C. Long answer type questions**

1. Explain the reactions of metals and non-metals with acids, air and water.
2. Write the uses of metals and non-metals in our daily life.

ARMY PUBLIC SCHOOL ,MIRAN SAHIB  
WORKSHEET- 5(CIVICS),CLASS-VIII

NAME\_\_\_\_\_ CLASS\_\_\_\_\_ ROLL NO.\_\_\_\_ DATE\_\_\_\_\_

FILL IN THE BLANKS

1. The Indian states has a \_\_\_\_\_ form of government.
2. The president of the constitution assembly was \_\_\_\_\_
3. The three organs of the state are \_\_\_\_\_
4. The constitution of India was passed on \_\_\_\_\_
5. Nepal adopted an interim constitution in the year \_\_\_\_\_

ANSWER THE FOLLOWING

DEFINE THE FOLLOWING

1. Constitution \_\_\_\_\_

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2. Preamble

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3. Democracy-

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4.Monarchy

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**ARMY PUBLIC SCHOOL MIRAN SAHIB**  
**HOLIDAYS HOMEWORK OF SOCIAL SCIENCE CLASSES (XI-XIII) SESSION- 2018-19**

Class- 9<sup>th</sup> -

Economics-

- compare the study of village palampur and my village on following points-

Comparative study	My village	palampur
1. Land distribution		
2. Medical facilities		
3. Education		
3. roads		
4. farming activities		
5. non farming		
6. electricity		
7. market		

- write down the question answer of the lesson – the story of village palampur.
  - Civics-
- write down the preamble of the constitution. write down characteristics of our constitution.
  - Geography-
- Write the question answers of lesson physical features of India.
- Locate Himalayan ranges in an outline map of India.
- Model on any one-Shivaliks, Aravali, western and eastern ghats, deccan plateau, coastal plains

Revision of syllabus of periodic test 1

History- chapter 1- the French revolution

Economics- The story of Palampur

Geography- chapter – India size and location

Civics-Chapter 1- what democracy & why democracy.

Note- All holidays work except model making is to be done in respective homework notebook and mapfile.



## ARMY PUBLIC SCHOOL MIRAN SAHIB

### HOLIDAYS HOMEWORK OF SOCIAL SCIENCE CLASSES (XI-XIII) SESSION- 2018-19

#### Class 10<sup>th</sup>

- ECONOMICS- Make a collage on various economic activities practiced by people in India.
- HISTORY- Make a timeline chart of important events occurred while becoming socialist republic of Vietnam(1802-1976)
- Civics- Draw a flow chart of subjects covering under union, state and concurrent list.
- Geography- Modals- Rain water harvesting, Soil conservation techniques, structure of dam, pie chart- land use pattern in India.

#### Revision of syllabus of periodic test 1-

History- Nationalism in Indo china

Civics- power sharing

Geography- Resources and development, water

Economics- Development

Note- All holidays work except modal making is to be done in respective homework notebook and mapfile.

## ARMY PUBLIC SCHOOL MIRAN SAHIB

### HOLIDAYS HOMEWORK OF SOCIAL SCIENCE CLASSES (XI-XIII) SESSION- 2018-19

#### CLASS- 6<sup>TH</sup>

##### ➤ HISTORY-

- Locate archaeological sites on physical map of India.
- Write short note on major archaeological sites of India.

##### ➤ CIVICS –

- Make a collage on topic “unity in diversity in India”
- List some of the festivals celebrated in South India and Paste some relevant pictures.

##### ➤ Geography-

- Make modal on any one of the following-  
Solar system, globe showing latitudes, globe showing longitudes, heat zones of the earth.

#### Revision of syllabus of periodic test 1

History- chapter 1. where, when and how

Chapter 2- on the trail of earliest people

Geography- chapter 1- The earth on the solar system

Chapter 2- Globe- latitudes and longitudes.

Civics- chapter 1- understanding diversity.

Note- All holidays work except modal making is to be done in respective homework notebook and mapfile.

**APS MIRAN SAHIB**

**HOLIDAY HOMEWORK**

**MATHEMATICS (session: 2018 – 2019)**

**CLASS: 6<sup>th</sup>**

- 1. MODEL ON BASIC GEOMETRICAL CONCEPTS.**
- 2. PROJECT ON ROMAN NUMBERS.**
- 3. POINTS TO REMEMBER FROM CH: KNOWING OUR NUMBERS, WHOLE NUMBERS, BASIC GEOMETRICAL IDEAS.**

## ARMY PUBLIC SCHOOL MIRAN SAHIB

### HOLIDAYS HOMEWORK OF SOCIAL SCIENCE CLASSES (XI-XIII) SESSION- 2018-19

#### CLASS- 7<sup>th</sup>

- History-
  - Locate the ruling dynasties of the seventh and twelfth centuries on physical map of India.
  - Write at least 20 glossary terms from chapter 1 and 2.
- Civics-
  - Write a report on change in social and economic status of S.C and S.T since independence.
- Geography –
  - Make modal on any one of the following-  
Interior of earth, pond ecosystem, delta , volcano

#### Revision of syllabus of periodic test 1

History- chapter 1- Tracing changes through a thousand years.

Chapter 2-New kings and kingdoms.

Geography- chapter 1- Environment

Chapter 2- Inside our earth

Civics- chapter 1- on equality.

Note- All holidays work except modal making is to be done in respective homework notebook and mapfile.

## ARMY PUBLIC SCHOOL MIRAN SAHIB

### HOLIDAYS HOMEWORK OF SOCIAL SCIENCE CLASSES (XI-XIII) SESSION- 2018-19

#### CLASS 8<sup>TH</sup>

- History-
  - Make one map file which consist of all the maps of the following pages-  
Page no 20,41,61(part1)  
Page no 84, 166,167 (part 2)
  - Make a chart on the famous historical personalities and write about them.
    - Civics- making of posters on following topics-  
Right to equality, no discrimination, freedom to express myself,  
untouchability is a crime against humanity.
    - Geography-
  - Make one map file which consist of all the maps of following pages-  
Page no 26,27,41,53,56,59
- Revision of syllabus of periodic test 1  
History- chapter 1- how, when and where  
Chapter 2-From trade and territory  
Geography- chapter 1- resources  
Civics-Chapter 1- what is constitution

Note- All holidays work except modal making is to be done in respective homework notebook and mapfile.

**ARMY PUBLIC SCHOOL  
MIRAN SAHIB  
WORKSHEET-WORD PROCESSING**

CLASS : 10<sup>TH</sup>

SUBJECT:COMPUTER

NAME : \_\_\_\_\_

ROLL NO: \_\_\_\_\_

**Fill in the blanks**

1. \_\_\_\_\_ can be used for inserting information at the top of each page automatically.
2. Header option is available under \_\_\_\_\_ group in Insert Tab.
3. You can change styles by using the \_\_\_\_\_ group under the home tab.
4. \_\_\_\_\_ & \_\_\_\_\_ breaks can be used to separate a document into sections.
5. On selecting \_\_\_\_\_ , the first character in all the words of the selected sentence Will be converted to capital letter.

**Answer the following questions**

1. What are the steps to insert section and page break.
2. Define templates and how to use them.
3. What are options available to make changes to a character or word.
4. What are the steps to insert shapes.
5. What do you mean by wrap text option.

**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**SESSION: 2018-19**

**(SUMMER BREAK) HOLIDAYS HOMEWORK**

**CLASS 10<sup>TH</sup>**

**Subject: Computer**

Q Gather information related to topics paste the pictures and write description in your computer notebook

- Prepare a question of 50 marks with proper alignment and formatting in Ms-Word , take a printout and paste it in your notebook.
- Create a one page article on “Influence of Gandhi ji on Youth Today”.Insert a picture of Gandhi Ji and the title of the article in the header.Insert your name ,class and date in the footer.
- Define template and paste pictures of any 5 templates
- Draw a flowchart in Ms-word using different shapes .
- Write the steps to insert section and page break .

**APS MIRAN SAHIB**

**DATE SHEET OF PERIODIC-1: 2018-19**

<b><u>Date/Day</u></b>	<b><u>III</u></b>	<b><u>IV</u></b>	<b><u>V</u></b>
<b>16 Jul 2018 Monday</b>	Mathematics	EVS	English
<b>17 Jul 2018 Tuesday</b>	English	Hindi	EVS
<b>18 Jul 2018 Wednesday</b>	Hindi	Mathematics	Computer
<b>19 Jul 2018 Thursday</b>	EVS	Computer	Hindi
<b>20 Jul 2018 Friday</b>	Computer	English	Mathematics

Exam Cell Incharge

Headmistress

Principal

**APS MIRAN SAHIB**  
**DATE SHEET OF PERIODIC-1: 2018-19**

<u>Date/Day</u>	<u>6<sup>th</sup></u>	<u>7<sup>th</sup></u>	<u>8<sup>th</sup></u>	<u>9<sup>th</sup></u>	<u>10<sup>th</sup></u>
16 Jul 2018 Monday	S.St	Maths	S.Sc	Science	Maths
17 Jul 2018 Tuesday	Hindi	Skt	Hindi	English	Science
18 Jul 2018 Wednesday	Maths	Science	Computer	S.St	Hindi
19 Jul 2018 Thursday	English	Hindi	Skt	IT	English
20 Jul 2018 Friday	Computer	English	Science	Hindi	IT
21 Jul 2018 Saturday	Skt	Computer	English	-	-
23 Jul 2018 Monday	Science	S.St	Maths	Maths	S.ST

**Exam Cell Incharge**

**Principal**

**APS MIRAN SAHIB**  
**DATE SHEET OF PERIODIC-1: 2018-19**

<u>Date/Day</u>	<u>6<sup>th</sup></u>	<u>7<sup>th</sup></u>	<u>8<sup>th</sup></u>	<u>9<sup>th</sup></u>	<u>10<sup>th</sup></u>
16 Jul 2018 Monday	S.St	Maths	S.Sc	Science	Maths
17 Jul 2018 Tuesday	Hindi	Skt	Hindi	English	Science
18 Jul 2018 Wednesday	Maths	Science	Computer	S.St	Hindi
19 Jul 2018 Thursday	English	Hindi	Skt	IT	English
20 Jul 2018 Friday	Computer	English	Science	Hindi	IT
21 Jul 2018 Saturday	Skt	Computer	English	-	-
23 Jul 2018 Monday	Science	S.St	Maths	Maths	S.ST

**Exam Cell Incharge**

**Principal**



**CLASS 10TH**

**SYLLABUS FOR PERIODIC TEST -1**

**L-1 FUNCTIONAL ENGLISH**

**L-3 WORD PROCESSING**

**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**HOLIDAY HOMEWORK 2018-2019**

**CLASS 8<sup>TH</sup>**

**SUBJECT ENGLISH**

1. Revise entire syllabus covered for Periodic Test -1.
2. Learn and write (in a file) on the topic "Child Labour – An Evil of Society".
3. Design an English magazine which should have the following requirements:
  - a).An attractive cover page.
  - b).Name of the magazine.
  - c). An article on "Hygiene".
  - d). A small story.
  - e) Jokes
  - f) English Riddles
  - g).Advertisements
  - h).Idioms and proverbs
  - i) Crosswords/Puzzles.
  - j)Famous saying of eminent personalities.

**SYLLABUS FOR PERIODIC TEST -1**

TEXTBOOK- L-1 The Best Christmas Present in the World

Poem- The Ant and the Cricket

L-2 Tsunami

Poem- Geography Lesson

SUPPLEMENTARY READER- L-1 How the Camel got his Hump

GRAMMAR BOOK – Sentence, Noun, Pronoun , Verbs , Determiners

WRITING- Diary Entry and Story Writing.

COMPREHENSION – Unseen Passage.



**ARMY PUBLIC SCHOOL  
MIRAN SAHIB  
WORKSHEET-FUNCTIONAL ENGLISH**

CLASS : 10<sup>TH</sup>

SUBJECT:COMPUTER

NAME : \_\_\_\_\_

ROLL NO: \_\_\_\_\_

**Fill in the blanks**

1. Except Ruhi and \_\_\_\_\_ ,everyone else arrived late at the movies(use correct pronoun).
2. The jeweller's store is right next \_\_\_\_\_the bus –stop(use preposition).
3. The area is well-maintained and planned\_\_\_\_\_ (prettily/beautifully).
4. We \_\_\_\_\_(driving) to the supermarket(use verb).
5. They invited me \_\_\_\_\_their party, but I had refuse(to,for)

**Answer the following questions**

1. Write the explanation with the questions, which are asked commonly in the interview.
2. What things we must have to keep in our minds before accepting a job offer.
3. Why writing a good resume is very important.
4. Define countable and uncountable noun.
5. What are various polite ways of refusing.

आर्मी पब्लिक स्कूल मीरां साहिब

विषय संवर्धन गतिविधियाँ

कक्षा छठी से दसवीं तक

सत्र -२०१८ -१९ कुल अंक =25 \* 5

= 5 अंक

वाचन -कौशल -- 10 अंक वाद -विवाद

कक्षा दसवीं क्या पढाई और खेल कूद एक साथ चल सकते हैं ?

कक्षा नौवीं दुःख का अधिकार सबके लिए एक समान होना चाहिए

कक्षा आठवीं मशीनी युग ने मानव को बेकार / आलसी बना दिया है

कक्षा सातवीं पक्षियों को बंदी बनाना उचित /अनुचित |

कक्षा छठी गृह - कार्य देना अनिवार्य हो या वैकल्पिक ?

श्रवण कौशल ---10 अंक ( वीडियो पर आधारित कार्य पत्रिका )

प्रत्येक कक्षा के लिए भिन्न प्रकार की वीडियो एवं कार्य - पत्रिका

|

पठन कौशल (5 अंक ) पूरक पाठ्य पुस्तक से पठन |



ARMY PUBLIC SCHOOL ,MIRAN SAHIB  
WORKSHEET- 3(GEOGRAPHY),CLASS-VIII

NAME\_\_\_\_\_ CLASS\_\_\_\_\_ ROLL NO.\_\_\_\_\_ DATE\_\_\_\_\_

FILL IN THE BLANKS

1. \_\_\_\_\_ makes an object or substance resource.
2. \_\_\_\_\_ and \_\_\_\_\_ are examples for human made resource.
3. \_\_\_\_\_ refers to the amount of resources available for us.

ANSWER THE FOLLOWING

Q.1What are resources?

A1

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Q2.Write in detail about the different resources ?

A2

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Q3 Write any two point about what would happen if this resource disappeared .

A3

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---

WRITE TRUE AND FALSE

1.Petroleum resources of West Asia are an example of actual resources.\_\_\_\_\_

2. Human being are special resources .\_\_\_\_\_

3. Copper and iron are ubiquitous resources .\_\_\_\_\_

**CLASS 9TH**

**SYLLABUS FOR PERIODIC TEST -1**

**L-1 COMMUNICATION TECHNOLOGY**

**L-2 CONVERGENCE OF TECHNOLOGY**

ARMY PUBLIC SCHOOL, MIRANSAHIB  
WORKSHEET-1(HISTORY) CLASS=VIII

NAME..... CLASS..... ROLL ..... DATE.....

OBJECTIVE TYPE QUESTIONS

CHOOSE THE CORRECT OPTION AND WRITE IT IN THE BOX AGAINST EACH QUESTION:

1. Who was asked by Robert Clive to produce maps of Hindustan?  
(a) Danulle (b) James Rennet (c) James mill (d) William Durant
2. Some historians have divided the history into:  
(a) medieval, modern, colonial (b) ancient, medieval, colonial  
(c) ancient, medieval, modern (d) ancient, modern, colonial

ANSWERS THE FOLLOWING :

Q1 What do you mean by colonial?

A1 .....

.....

.....

Q2 Who were calligraphists?

A2 .....

.....

Q3. Who was Warren Hastings ? When was he appointed as the governor general of India?

A3 .....

.....

.....

Q4 Why did historians derive from surveys ?

A4 .....

.....

FILL IN THE BLANKS

1. The colonial government gave much importance to the practice of .....
2. A history of British India is a massive ..... work.

WRITE TRUE AND FALSE

1. James Mill divided Indian history into three periods – Hindu, Muslim, Christian. \_\_\_\_
2. Official documents help us understand what the people of the country think \_\_\_\_
3. Printings began to spread by the middle of the 20<sup>th</sup> century. \_\_\_\_



आर्मी पब्लिक स्कूल मीरां साहिब  
ग्रीष्म -अवकाश कार्य 2018-2019

कक्षा-छठी

पुनरावृत्ति कार्य/पाठ्यक्रम :- वसंत भाग -1 पाठ 1 से 4 तक

पीरियाडिक-1

बाल रामायण :

अवधपुरी में राम,

जंगल और जनकपुरी

व्याकरण :

संज्ञा , सर्वनाम, क्रिया और

विशेषण

अपठित गद्यांश, अनुच्छेद

लेखन

रचनात्मक कार्य :-

1. अपने प्रिय पक्षी पर एक कविता लिखो |
2. गर्मियों या सर्दियों में जब तुम्हारी लम्बी छुटियाँ होती हैं तो तुम्हारा दिन कैसे बीतता है ? अपनी बुआ या किसी और को पत्र लिखकर बताओ |
3. नीचे दो प्रकार के कैलेंडर दिए गये हैं | इन्हें देखो और प्रश्नों के उत्तर लिखो |  
(पाठ-4 पृष्ठ 27)
4. अपनी इच्छा अनुसार दो अनुच्छेद: दो पत्र लिखो |
5. व्याकरण में दिए गये अपठित गद्यांश /काव्यांश एवं चित्र वर्णन के अभ्यास पढ़ो |
6. प्रतिदिन एक पेज सुंदर सुलेख लिखें |

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आर्मी पब्लिक स्कूल मीरां साहिब

## ग्रीष्म -अवकाश कार्य 2018-2019

कक्षा-आठवीं

पुनरावृत्ति कार्य :-पाठ्यक्रम वसंत भाग -3 पाठ 1 से 5 तक

पीरियाडिक -1 भारत की खोज पाठ-1, 2

व्याकरण :संज्ञा, कारक, विशेषण, अपठित बोध,  
अनुच्छेद

रचनात्मक कार्य :-

1. वसंत ऋतु पर एक कविता लिखो |
2. आपको छुट्टियों में किसके घर जाना सबसे अच्छा लगता है |
3. बस की आत्म कथा अपने शब्दों में लिखो |
4. पक्षी को संदेशवाहक बनाकर अनेक गीत लिखे गये हैं | इस तरह के तीन गीतों का संग्रह कीजिए |
5. अपनी इच्छा अनुसार तीन अनुच्छेद , तीन पत्र लिखो |
6. व्याकरण में दिए गये अपठित गद्यांश/काव्यांश एवं चित्र वर्णन के अभ्यास पढ़ो |
7. प्रतिदिन एक पेज सुंदर सुलेख लिखें |

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**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**Holiday Home Work**

**Class X Maths**

1. Prove that  $\sqrt{3}$  is irrational
2. Prove that  $2+3\sqrt{5}$  is irrational
3. Find HCF using Euclid's division algorithm i) 804, 4355 ii) 4848, 5555 iii) 9684, 20982
4. State whether the following have terminating decimal representation or not: i)  $3\frac{128}{375}$  ii)  $51\frac{125}{21}$  iii)  $7\frac{5}{3} \times 2\frac{5}{5}$
5. Find zeroes of the following polynomials and verify the relationship between its coefficients:  
i)  $3x^2 - 5x - 28$  ii)  $5x^2 + 37x - 24$  iii)  $7x^2 - 15x + 2$  iv)  $x^2 - 49$
6. If  $\sqrt{7}$ ,  $-\sqrt{7}$  are zeroes of  $2x^4 + 3x^3 - 16x^2 - 21x + 14$ , find the other two zeroes
7. If  $2\sqrt{3}$ ,  $-2\sqrt{3}$  are zeroes of  $3x^4 - x^3 - 38x^2 + 12x + 24$ , find the other two zeroes
8. If  $\alpha$  &  $\beta$  are the zeroes of the equation  $6x^2 + x - 2$ , find  $\alpha\beta + \beta\alpha$
9. If  $\alpha$  &  $\beta$  are the zeroes of the polynomial  $kx^2 + 4x + 4$  and if  $\alpha^2 + \beta^2 = 24$ , find the value of k.
10. If one of the zeroes of the polynomial  $2x^2 + px + 4$  is 2, find the other root, also find the value of p.
11. Find the zeroes of polynomial  $x^3 - 2x^2 - x + 2$
12. Find the value of K for which the system of linear equations  $2x + 5y = 3$ ,  $(k + 1)x + 2(k + 2)y = 2K$  Will have infinite number of solutions.
13. For what value of k, will the system of equations  $x + 2y = 5$ ,  $3x + ky - 15 = 0$  has a unique solution.
14. For what value of k the following pair has infinite number of solutions.  $(k - 3)x + 3y = k$ ,  $k(x + y) = 12$
15. Draw the graphs of the equations:  $4x - y = 4$ ,  $4x + y = 12$  Determine the vertices of the triangle formed by the lines representing these equations and the x-axis. Shade the triangular region so formed
16. Draw the graph of  $x + 2y - 7 = 0$  and  $2x - y - 4 = 0$ . Shade the area bounded by these lines and Y-axis.
17. Solve graphically:  $3x + y + 1 = 0$ ,  $2x - 3y + 8 = 0$
18. For what value of k will the equation  $x + 5y - 7 = 0$  and  $4x + 20y + k = 0$  represent coincident lines?

**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**HOLIDAY HOMEWORK 2018-2019**

**CLASS 6<sup>TH</sup>**

**SUBJECT ENGLISH**

1. Write Diary Entries of 15 days regarding daily routine during summer vacation.
2. Read chapter 2, 3 of supplementary reader and Make a dictionary with at least 5-10 words of each alphabet according to the chapter 3, 4 , 5 of Supplementary Readers.
3. Write a speech on the topic ' Child Labor'
4. Revise all the syllabus done yet in the class for Periodic Test 1.

**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**HOLIDAY HOMEWORK 2018-2019**

**CLASS 7<sup>TH</sup>**

**SUBJECT ENGLISH**

1. Make a dictionary with at least 5-10 words of each alphabet according to the chapter 3, 4 , 5 of Supplementary Readers.
2. Write any 10 days Diary Entries in a file.
3. Read any Book and write its Review.

FORMAT:

- a. Title- Writer's Name  
Publisher
  - b. Your Comments.
  - c. Why you liked/disliked?
4. Revise all the syllabus done yet in class for Periodic Test 1

## HOLIDAYS HOMEWORK OF LIBRARY

### CLASS 6<sup>TH</sup>

- 1) Read one English story book and write 50 difficult words with their meanings.
- 2) Make a scrab book of 50 Amazing Facts.



## HOLIDAYS HOMEWORK OF LIBRARY

### CLASS 7TH

- 1) Read one English story book and write 50 difficult words with their meanings
- 2) Write the book review of the issued book
- 3) Make a scrab book of 50 Quotations on library/books.



## Holidays homework

### Class 9

**Q 1** Find the value of each of the Following

- a)  $16^{1/4}$
- b)  $625^{-3/4}$
- c)  $2\sqrt{3} + 8\sqrt{18}$
- d)  $15\sqrt{6} + \sqrt{216}$
- e)  $10^{5/2} / 10^{3/2}$
- f)  $5^{3/2} 7^{3/2}$
- g)  $\sqrt{162}/\sqrt{2}$
- h)  $(1+\sqrt{2})/(1-\sqrt{2})$

**Q 2** If  $p = 1+\sqrt{3}$

Find the value of

- i)  $p^2 + 1/p^2$
- ii)  $p^4 + 1/p^4$

**Q 3** State whether the following statements are true or false

- (i)  $2/\sqrt{5}$  is a rational number.
- (ii) There are infinitely many integers between any two integers.
- (iii) Number of rational numbers between 11 and 13 is finite.
- (iv) There are numbers which cannot be written in the form  $p/q$ ,  $q \neq 0$ ,  $p, q$  both are integers.
- (v) The square of an irrational number is always rational.
- (vi)  $\sqrt{18}/\sqrt{2}$  is not a rational number as  $\sqrt{18}$  and  $\sqrt{2}$  are not integers.

**Q 4** Find the value of each of the Following

- a)  $2^{1/4} . 2^{1/5}$
- b)  $16^{-3/4}$
- c) d)  $15\sqrt{6} + \sqrt{216}$
- e)  $11^{5/2} / 11^{3/2}$
- f)  $5^{3/2} 7^{3/2}$
- g)  $\sqrt{162}/\sqrt{2}$
- h)  $(8+\sqrt{3})/(8-\sqrt{3})$

**Q 5** If  $x = 1 + \sqrt{3}$

and

$$y = 1/x$$

Find the value of

i)  $x^2 + y^2$  ii)  $x^2 - y^2$  iii)  $(x+y)^2$  iv)  $x-y$

**Q 6** Write the following in decimal form and say what kind of decimal expansion each has:

(i)  $19/100$

(ii)  $1/3$

(iii)  $11/12$

(iv)  $1/13$

(v)  $2/17$

(vi)  $111/400$

**Q7** Factorize following

a.  $x^2 + 9x + 18$

b.  $3x^3 - x^2 - 3x + 1$

c.  $x^3 - 23x^2 + 142x - 120$

d.  $1 + 8x^3$

**Q 8** Plot the following points in the Cartesian plane

a) (9, 8)

b) (-1, -1)

c) (6, 6)

d) (4, 4)

Also find which of these three lie are collinear

**Q 9** Draw the graph of each of the equations given below. Also, find the co-ordinates of the point where the graph cuts the co-ordinates axis:

a)  $6x - 3y = 12$

b)  $4y - x = 8$

c)  $2x + y = 6$

d)  $3x + 2y + 6 = 0$

**Q10** The taxi fare in a delhi is as follows: For the first kilometer, the fare is Rs 16 and for the subsequent distance it is Rs 10/km. Taking the distance

covered as  $x$  km and total fare as Rs  $y$ , write a linear equation for this information, and draw its graph.

Q11 If the work done by a body on application of a constant force is directly proportional to the distance travelled by the body, express this in the form of an equation in two variables and draw the graph of the same by taking the constant force as 5 units. Also read from the graph the work done when the distance travelled by the body is-

2 units

0 units

Q12 A and B, two students of class XII th of a school, together contributed Rs 100 towards the Prime Minister's Relief Fund to help the earthquake victims. Write a linear equation which satisfies the given data. (You make take their contributions as Rs  $x$  and Rs  $y$ ) Draw the graph of same.

Q 13 In countries like USA and Canada, temperature is measured in Fahrenheit, where as in countries like India. It is measured in Celsius. Here is a linear equation that converts Fahrenheit into Celsius:

$$F = (9/5) C + 32$$

a) Draw the graph of the linear equation above using Celsius for  $x$  – axis and Fahrenheit for  $y$ - axis.

b) If the temperature is  $30^{\circ}$  C, what is the temperature in Fahrenheit?

c) If the temperature is  $95^{\circ}$ F, what is the temperature in Celsius?

d) If the temperature is  $0^{\circ}$  C, what is the temperature in Fahrenheit and if the temperature is  $0^{\circ}$  F, what is the temperature in Celsius?

e) Is there a temperature which is numerically the same in both Fahrenheit and Celsius? Find it.

Q 14 Draw the graph of the equation  $2x + 3y = 12$ . From the graph, find the coordinates of the point:

Whose  $y$ - coordinate is 3

Whose  $x$ - coordinate is -3.

Q 15 Draw the graph of the equation  $2x + y = 6$ . Shade the region bounded by the graph and the co- ordinate axis. Also find the area of shaded region.

Q 16 Draw the graph of the equation  $x/2 + y/3 = 1$ . Also find the area of triangle formed by the line and the co-ordinates axis.

Q 17 Draw the graph of  $y = x + 2$

Q 18 Draw the graphs of the linear equations  $4x - 3y + 4 = 0$  and  $4x + 3y - 20 = 0$ . Find the area bounded by these lines and x = axis.

Q 19 Solve for y:

$$(3y+2)/7 + (4(y+1))/5 = 2/3 (2y+1)$$

Q 20 The angles of a triangle are  $5x$ ,  $3(2x - 5)$  and  $9x - 5$ . Find  $x$  and also name the triangle.

Q21 If  $(2a, a - 1)$  is a solution of  $2x + 3y - 9 = 0$ , find  $a$

Q22 Draw the graph of linear equation  $x = 3y$

Q23 Draw the graph of linear equation  $2x - 9 = 0$

Q24 Draw the graph of linear equation  $x = y$

Q25 Draw the graphs of linear equation  $y = x$  and  $y = -x$  on the same Cartesian plane, what do you observe?

Q26 Find three different solutions of the equation  $4x + 3y = 12$  from its graph?

Q27 Draw the graph of the equation  $x + 2y = 9$ . Find the vertices of the triangle formed by the line and the co-ordinate axis. Find two more points other than the intercepts on the axis.

Q28 Draw the graph of the line  $x - 2y = 3$ . From the graph, find the co-ordinate of the point when

$x = 5$

$y = -2$



**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**SESSION: 2018-19**

**(SUMMER BREAK) HOLIDAYS HOMEWORK**

**CLASS 9<sup>TH</sup>**

**Subject: Computer**

Q Gather information related to topics paste the pictures and write description in your computer notebook.

- Show features of smart phone.
- Name the new technologies that have emerged as a result of convergence
- Wired and wireless communication channels
- Name the Satellites launched By India
- Different fields where Internet is used.
- Learn chapter communication technology and convergence of technology

## Holidays homework

### Class 9

**Q 1** Find the value of each of the Following

- a)  $16^{1/4}$
- b)  $625^{-3/4}$
- c)  $2\sqrt{3} + 8\sqrt{18}$
- d)  $15\sqrt{6} + \sqrt{216}$
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- (ii) There are infinitely many integers between any two integers.
- (iii) Number of rational numbers between 11 and 13 is finite.
- (iv) There are numbers which cannot be written in the form  $p/q$ ,  $q \neq 0$ ,  $p, q$  both are integers.
- (v) The square of an irrational number is always rational.
- (vi)  $\sqrt{18}/\sqrt{2}$  is not a rational number as  $\sqrt{18}$  and  $\sqrt{2}$  are not integers.

**Q 4** Find the value of each of the Following

- a)  $2^{1/4} . 2^{1/5}$
- b)  $16^{-3/4}$
- c) d)  $15\sqrt{6} + \sqrt{216}$
- e)  $11^{5/2} / 11^{3/2}$
- f)  $5^{3/2} 7^{3/2}$
- g)  $\sqrt{162}/\sqrt{2}$
- h)  $(8+\sqrt{3})/(8-\sqrt{3})$

**Q 5** If  $x = 1 + \sqrt{3}$

and

$$y = 1/x$$

Find the value of

i)  $x^2 + y^2$  ii)  $x^2 - y^2$  iii)  $(x+y)^2$  iv)  $x-y$

**Q 6** Write the following in decimal form and say what kind of decimal expansion each has:

(i)  $19/100$

(ii)  $1/3$

(iii)  $11/12$

(iv)  $1/13$

(v)  $2/17$

(vi)  $111/400$

**Q7** Factorize following

a.  $x^2 + 9x + 18$

b.  $3x^3 - x^2 - 3x + 1$

c.  $x^3 - 23x^2 + 142x - 120$

d.  $1 + 8x^3$

**Q 8** Plot the following points in the Cartesian plane

a) (9, 8)

b) (-1, -1)

c) (6, 6)

d) (4, 4)

Also find which of these three lie are collinear

**Q 9** Draw the graph of each of the equations given below. Also, find the co-ordinates of the point where the graph cuts the co-ordinates axis:

a)  $6x - 3y = 12$

b)  $4y - x = 8$

c)  $2x + y = 6$

d)  $3x + 2y + 6 = 0$

**Q10** The taxi fare in a delhi is as follows: For the first kilometer, the fare is Rs 16 and for the subsequent distance it is Rs 10/km. Taking the distance

covered as  $x$  km and total fare as Rs  $y$ , write a linear equation for this information, and draw its graph.

Q11 If the work done by a body on application of a constant force is directly proportional to the distance travelled by the body, express this in the form of an equation in two variables and draw the graph of the same by taking the constant force as 5 units. Also read from the graph the work done when the distance travelled by the body is-

2 units

0 units

Q12 A and B, two students of class XII th of a school, together contributed Rs 100 towards the Prime Minister's Relief Fund to help the earthquake victims. Write a linear equation which satisfies the given data. (You make take their contributions as Rs  $x$  and Rs  $y$ ) Draw the graph of same.

Q 13 In countries like USA and Canada, temperature is measured in Fahrenheit, where as in countries like India. It is measured in Celsius. Here is a linear equation that converts Fahrenheit into Celsius:

$$F = (9/5) C + 32$$

a) Draw the graph of the linear equation above using Celsius for  $x$  – axis and Fahrenheit for  $y$ - axis.

b) If the temperature is  $30^{\circ}$  C, what is the temperature in Fahrenheit?

c) If the temperature is  $95^{\circ}$  F, what is the temperature in Celsius?

d) If the temperature is  $0^{\circ}$  C, what is the temperature in Fahrenheit and if the temperature is  $0^{\circ}$  F, what is the temperature in Celsius?

e) Is there a temperature which is numerically the same in both Fahrenheit and Celsius? Find it.

Q 14 Draw the graph of the equation  $2x + 3y = 12$ . From the graph, find the coordinates of the point:

Whose  $y$ - coordinate is 3

Whose  $x$ - coordinate is -3.

Q 15 Draw the graph of the equation  $2x + y = 6$ . Shade the region bounded by the graph and the co- ordinate axis. Also find the area of shaded region.

Q 16 Draw the graph of the equation  $x/2 + y/3 = 1$ . Also find the area of triangle formed by the line and the co-ordinates axis.

Q 17 Draw the graph of  $y = x + 2$

Q 18 Draw the graphs of the linear equations  $4x - 3y + 4 = 0$  and  $4x + 3y - 20 = 0$ . Find the area bounded by these lines and x = axis.

Q 19 Solve for y:

$$(3y+2)/7 + (4(y+1))/5 = 2/3 (2y+1)$$

Q 20 The angles of a triangle are  $5x$ ,  $3(2x - 5)$  and  $9x - 5$ . Find  $x$  and also name the triangle.

Q21 If  $(2a, a - 1)$  is a solution of  $2x + 3y - 9 = 0$ , find  $a$

Q22 Draw the graph of linear equation  $x = 3y$

Q23 Draw the graph of linear equation  $2x - 9 = 0$

Q24 Draw the graph of linear equation  $x = y$

Q25 Draw the graphs of linear equation  $y = x$  and  $y = -x$  on the same Cartesian plane, what do you observe?

Q26 Find three different solutions of the equation  $4x + 3y = 12$  from its graph?

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Q28 Draw the graph of the line  $x - 2y = 3$ . From the graph, find the co-ordinate of the point when

$x = 5$

$y = -2$



**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**HOLIDAY HOMEWORK 2018-2019**

**CLASS 9<sup>TH</sup>**

**SUBJECT ENGLISH**

1. Make a dictionary with at least 5-10 words of each alphabet according to the chapter 3, 4 , 5 of Supplementary Readers.
2. Write any 15 days Diary Entries in a file.
3. Read any Book and write its Review.

FORMAT:

- a. Title- Writer's Name  
Publisher
  - b. Your Comments.
  - c. Why you liked/disliked?
4. Revise all the syllabus done yet in the class for Periodic Test 1.

ARMY PUBLIC SCHOOL MIRAN SAHIB

SESSION: 2018-19

(SUMMER BREAK) HOLIDAYS HOMEWORK

**Subject: Computer**

CLASS 7<sup>TH</sup>

1. LEARN CHAPTER 1 and CHAPTER 2

2. ACTIVITY:

In your computer notebook convert the following conversions

a) Binary to decimal :  $(1111)_2$ ,  $(11101)_2$ ,  $(1010)_2$

b) Decimal to binary :  $(359)_{10}$ ,  $(48)_{10}$ ,  $(550)_{10}$

c) Decimal to Octal :  $(356)_{10}$ ,  $(435)_{10}$ ,  $(327)_{10}$

d) Decimal to Hexadecimal :  $(250)_{10}$ ,  $(677)_{10}$ ,  $(215)_{10}$

ARMY PUBLIC SCHOOL MIRAN SAHIB

SESSION: 2018-19

(SUMMER BREAK) HOLIDAYS HOMEWORK

**Subject: Computer**

- CLASS 8<sup>TH</sup>

1. LEARN CHAPTER 1 and CHAPTER 2

2. ACTIVITY:

In your computer notebook paste the pictures of any ten different fields with names where we are using computer now a days.

## HOLIDAYS HOMEWORK OF LIBRARY

### CLASS 8<sup>TH</sup>

1) Read one English and one Hindi story book and write 50 difficult words (from English book) with their meanings.

2) Design Book Cover of your issued book.

**APS MIRAN SAHIB**

**HOLIDAY HOMEWORK**

**MATHEMATICS (SESSION 2018 – 2019)**

**CLASS: 8th**

1. Prepare a chart on properties of Rational Numbers.
2. Solve MCQ'S on linear equations.
3. Model on types of quadrilaterals.

**ARMY PUBLIC SCHOOL  
HOLIDAYS HOME WORK  
SESSION-2018=19**

**CLASS-X**

**SUBJECT-SCIENCE**

**PHYSICS---1.** Frame question bank along with answers of **Light and Human eye**

( 15 questions from each chapter include numerical also)

**2.** Make write up of lab activities and complete lab manual

**3.** Make a model of any one of following:-

a) Human eye

b) Defect and correction of hypermetropia or Myopia.

c) Dispersion of light through prism.

d) Images formed in spherical lenses or in mirrors.

e) Laws of reflection and refraction

f) Applications of reflection and refraction

**4.** Revise all chapters for Periodic test-1

**CHEMISTRY—1.** Frame question bank along with answers of **Chemical reactions.**

(15 questions include MCQ'S Use separate note book)

**2.** Read and revise L-1

**3.** Make concept map of L-1 ( Thin copy or file)

**4. Research Project-** Uses of acid and bases have made our life better.(stick file)

**BIOLOGY-1.** Frame question bank along with answers of **Life Process**

**(15 questions include diagrams)**

**2.**Read and revise L-1

**3.** Make a chart/Model of digestive system/respiratory system/circulatory system /excretory system. ( Make any one model in science )

NOTE- Use one note book for question bank.

**Marking Scheme---**

**1.** Question Bank-----(5)

**2.** Lab Activity and Viva----(10)

**3.** Model/Project---(5)

**4.** Worksheets----- (5)

Total---25

**SYLLABUS FOR PERIODIC TEST**

1, Light

2. Human eye

3. Chemical reactions

4. Life process

## ARMY PUBLIC SCHOOL MIRAN SAHIB

### HOLIDAYS HOMEWORK OF SOCIAL SCIENCE CLASSES (XI-XIII) SESSION- 2018-19

#### CLASS 8<sup>TH</sup>

- History-
  - Make one map file which consist of all the maps of the following pages-  
Page no 20,41,61(part1)  
Page no 84, 166,167 (part 2)
  - Make a chart on the famous historical personalities and write about them.
    - Civics- making of posters on following topics-  
Right to equality, no discrimination, freedom to express myself,  
untouchability is a crime against humanity.
    - Geography-
  - Make one map file which consist of all the maps of following pages-  
Page no 26,27,41,53,56,59
- Revision of syllabus of periodic test 1  
History- chapter 1- how, when and where  
Chapter 2-From trade and territory  
Geography- chapter 1- resources  
Civics-Chapter 1- what is constitution

Note- All holidays work except modal making is to be done in respective homework notebook and mapfile.

**APS MIRAN SAHIB**

**HOLIDAY HOMEWORK**

**MATHEMATICS (SESSION: 2018 – 2019)**

**CLASS: 7<sup>th</sup>**

1. Activity on multiplication of a whole number & fraction in Lab Manual.
2. (a) To collect the data about the number of books in a library.  
(a) Expenditure by a family on different items.  
(b) The result of your class and represent it in the form of bar graph.
3. Project on application of integers in day to day life.

**ARMY PUBLIC SCHOOL, MIRAN SAHIB**  
**HOLIDAY HOMEWORK –2018-19**

**CLASS:-IX**

**SUBJECT:-SCIENCE**

<b>SUBJECT</b>	<b>HOLIDAY HOMEWORK</b>	<b>REMARK</b>
BIOLOGY	(1)Make a chart on Plant Cell, Animal Cell, Plant Tissue or Animal Tissue.	Chart Paper
	(2) Make a Question Bank of at least 10 questions from <b>Chapter- Cell-Basic Unit Of Life.</b>	Thin Notebook
	(3) Keep some grains and water for the birds in your terrace and observe them	Value Based activity
PHYSICS	(1)Find 10 applications of laws of motion other than given in book.	Thin notebook
	(2) Practice the numerical of chapter 8 and 9 from exam idea/Refresher/Text Book	
	(3) Make a Question Bank of at least 10 questions, each from <b>Chapter –Motion And Chapter- Forces and Laws of motion.</b>	
CHEMISTRY	(1)Make a concept map of <b>Chapter-1</b>	
	(2) Make a question bank of 10 questions from Chapter- 1.	
	<ul style="list-style-type: none"> <li>• <b>Make model on any topic</b></li> <li>• <b>Learn Syllabus of Peridic-1</b> ❖ <b>Chapter-1,5,8,and 9</b></li> </ul>	

**MARKING SCHEME:-**

Question Bank: - 10 Marks

Model/Project: - 10 Marks

Chart & Concept Map- 5Marks

**Total Marks: - 25 Marks**

**SYLLABUS OF PERIODIC TEST**

**CHAPTER-1, 5, 8 ,9**



**ARMY PUBLIC SCHOOL MIRAN SAHIB  
WORKSHEET (SCIENCE)**

**CHAPTER: CROP PRODUCTION AND MANAGEMENT**

**CLASS: 8<sup>TH</sup>**

**A. Very short answer type questions**

1. Name two crops belong to the category of rabi crops.
2. What are the two main crop seasons?
3. What are the modern methods of irrigation?
4. Name a pesticide and weedicide.
5. What is cultivator?

**B. Short answer type questions**

1. Write two uses of plough.
2. What are fertilizers? Name any two fertilizers.
3. What are weeds? Write two methods of removing weeds.
4. Why do we need food?
5. Why is it necessary to loosen the soil before sowing?

**C. Long answer type questions**

1. Write any five differences between manure and fertilizers.
2. Explain various agricultural practices in sequence.
3. Write advantages of manure over fertilizers.

**ARMY PUBLIC SCHOOL MIRAN SAHIB  
WORKSHEET (SCIENCE)**

**CHAPTER: MICROORGANISMS:FRIEND AND FOE**

**CLASS- 8<sup>TH</sup>**

**A. Very short answer type questions**

1. What is the most popular vaccination programme?
2. Write the name of two communicable diseases.
3. Name the disease which is common in both humans and animals.
4. Mention the percentage of nitrogen in atmosphere.
5. What do you mean by nitrogen fixation?

**B. Short answer type questions**

1. What are various groups of microorganisms?
2. Explain the role of yeast in industry.
3. What do you understand by Pulse Polio Programme?
4. Explain various types of bacteria.
5. What are antibiotics? Give some examples of antibiotics.

**C. Long answer type questions**

1. What are pathogens? Explain with the help of two examples.
2. Draw the nitrogen cycle.

**ARMY PUBLIC SCHOOL MIRAN SAHIB  
WORKSHEET (SCIENCE)**

**CHAPTER: SYNTHETIC FIBRES AND PLASTICS**

**CLASS: 8<sup>TH</sup>**

**A. Very short answer type questions**

1. Nylon and rayon are man-made, or natural fibres?
2. Write the names of natural polymer.
3. Expand PVC.
4. What do you understand by 5R principle?
5. Give examples which indicate that nylon fibres are very strong.

**B. Short answer type questions**

1. Write the names of four articles made from plastic.
2. Why is rayon called artificial fibre?
3. Write two properties of nylon.
4. What are biodegradable materials? Explain with examples.
5. Write two differences between natural and synthetic fibres.

**C. Long answer type questions**

1. What are the properties of synthetic fibres and why are they more popular?
2. Differentiate between thermoplastics and thermosetting plastics.

**HOLIDAY HOME WORK**  
**CLASS -7<sup>TH</sup>**  
**SUB-SCIENCE**

**a) Frame question bank along with answers of following chapters:-**

- 1 .Nutrition in plants**
- 2. Nutrition in ani**
- 3. Acid bases salt**
- 4. Heat**

**(5 questions from each chapter in a separate note book)**

**b) Make write up of lab activity and complete lab activity.**

**c) Make a model / chart/ thin file of any one of following.**

- 1. Mode of nutrition such as parasite, saprophytes, autotrophy , hetetrophs etc.**
- 2. Photosynthesis**
- 3. Type of teeth and its function**
- 4. Digestive system**

**d) Revise all chapters of periodic test-1**

**SYLLABUS FOR PERIODIC TEST-1**

- 1. Nutrition in plants**
- 2. Nutrition in animals**
- 3. Acid bases and salt**

**( All work done in note book and book)**

**ARMY PUBLIC SCHOOL MIRAN SAHIB**

**HOLIDAYS HOMEWORK**

**SESSION: 2017-2018**

**SUBJECT: SCIENCE**

**CLASS- VIII**

S.No.	HOLIDAY HOMEWORK	REMARKS
1.	Make a question bank taking 5 questions from each lesson.	Do in a thin notebook
2.	Make a chart on any 5 topics from first four chapters.	On a chart
3.	Find 5 diseases for which you have been immunized. Write the causative agent of the same.	Do in file pages.
4.	Go for nature walk with your parents and find a crop cultivated near your home. Identify if it is a kharif or rabi crop. Give reasons.	Do in file pages.
5.	Write the names of any 4 metals and non- metals. Also write down their physical,chemical properties and uses.	Do in file pages.
6.	Find out the locations of the deposits of iron, aluminium and zinc in India. Mark these in an outline map of India. In which form are the deposits found.	Do in file pages.
7.	Learn all the 4 lessons for PT-1.	
8.	Model on any 1 topic from first 4 chapters.	

**MARKING SCHEME:**

1. Notebook - 5
  2. Chart - 5
  3. File submission – 10
  4. Model - 5
- TOTAL - 25**

**Syllabus for PT-1 : CHAPTER- 1,2,3 and 4**

# ARMY PUBLIC SCHOOL MIRAN SAHIB

SESSION: 2018-19

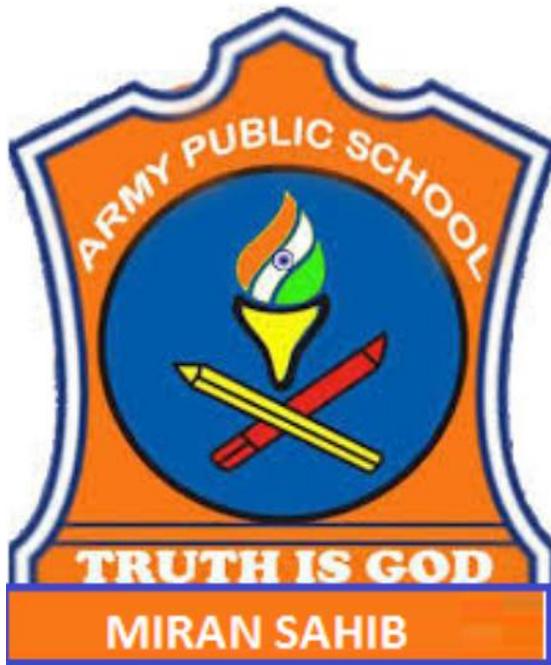
**Subject: Computer (Syllabus)**

- CLASS 8<sup>TH</sup>

PERIODIC TEST-1

1. Computer System
2. Tables in MS-Access 2010

# **ARMY PUBLIC SCHOOL MIRAN SAHIB**



**SESSION: 2018-19**

**SUBJECT: COMPUTER**

**CLASS: 7<sup>TH</sup>**

**WORKSHEETS**

**TEACHER INCHARGE: MS NITIKA MAHAJAN**

# CHAPTER: 1

## COMPUTER SOFTWARE

### SEARCHING SKILLS:

1. Search and write the names of two types of following software :

Package software: \_\_\_\_\_

Custom software: \_\_\_\_\_

Open source: \_\_\_\_\_

Shareware: \_\_\_\_\_

Freeware: \_\_\_\_\_

2. What do you mean by installing and uninstalling the software's?

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3. What is software suite?

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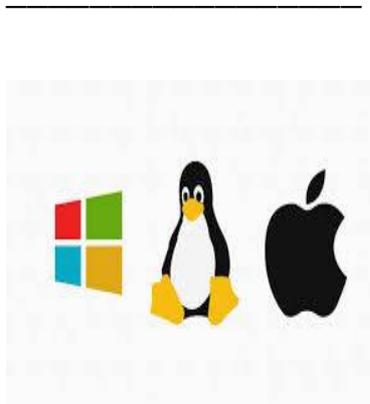
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4. Identify the type of software and name them:



## CHAPTER: 2

### NUMBER SYSTEM

#### PROBLEM SOLVING:

1. Application based question:

Anjali was asked by her teacher to convert Decimal number system to Binary number system and Decimal number system to octal number system. Can you help her by telling the method of conversion?

Steps to convert Decimal to Binary:

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Steps to convert Decimal to Octal:

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Steps to convert Binary to Decimal:

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2. Difference between International and Indian number system with example.

INTERNATIONAL NUM SYS	INDIAN NUM SYS

3. Name the different Positional Number System.

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4. Define the following:

**BIT**

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**BYTE**

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**NIBBLE**

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## Holidays homework

### Class 9

**Q 1** Find the value of each of the Following

- a)  $16^{1/4}$
- b)  $625^{-3/4}$
- c)  $2\sqrt{3} + 8\sqrt{18}$
- d)  $15\sqrt{6} + \sqrt{216}$
- e)  $10^{5/2} / 10^{3/2}$
- f)  $5^{3/2} 7^{3/2}$
- g)  $\sqrt{162}/\sqrt{2}$
- h)  $(1+\sqrt{2})/(1-\sqrt{2})$

**Q 2** If  $p = 1+\sqrt{3}$

Find the value of

- i)  $p^2 + 1/p^2$
- ii)  $p^4 + 1/p^4$

**Q 3** State whether the following statements are true or false

- (i)  $2/\sqrt{5}$  is a rational number.
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- g)  $\sqrt{162}/\sqrt{2}$
- h)  $(8+\sqrt{3})/(8-\sqrt{3})$

**Q 5** If  $x = 1 + \sqrt{3}$

and

$$y = 1/x$$

Find the value of

i)  $x^2 + y^2$  ii)  $x^2 - y^2$  iii)  $(x+y)^2$  iv)  $x-y$

**Q 6** Write the following in decimal form and say what kind of decimal expansion each has:

(i)  $19/100$

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d.  $1 + 8x^3$

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b) If the temperature is  $30^{\circ}$  C, what is the temperature in Fahrenheit?

c) If the temperature is  $95^{\circ}$  F, what is the temperature in Celsius?

d) If the temperature is  $0^{\circ}$  C, what is the temperature in Fahrenheit and if the temperature is  $0^{\circ}$  F, what is the temperature in Celsius?

e) Is there a temperature which is numerically the same in both Fahrenheit and Celsius? Find it.

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Whose  $y$ - coordinate is 3

Whose  $x$ - coordinate is -3.

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$$(3y+2)/7 + (4(y+1))/5 = 2/3 (2y+1)$$

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$x = 5$

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अवकाश गृहकार्य सत्र ---2018-19

कक्षा- 7 संस्कृत

- 1 सुभाषितानि से मिलते- जुलते कोई चार श्लोक व अर्थ लिखे ।
- 2 पाठ 2 व 3 का हिंदी अर्थ लिखे ।
- 3 धातु रूप -लट् व लृट् लकार लिखे व याद करे । (चर , कृ )
- 4 शब्द रूप -नदी व मति याद करे व लिखे ।
- 5 व्याकरण - 1 से 5 तक पूरा करे ।

ARMY PUBLIC SCHOOL, MIRAN SAHIB  
WORKSHEET-2(History)  
CLASS –VIII ,SOCIAL SCIENCE

NAME \_\_\_\_\_ CLASS \_\_\_\_ ROLL NO \_\_\_\_ DATE \_\_\_\_\_

Q1. FILL IN THE BLANKS

1. The British conquest began with the battle of .....
2. Haider Ali and Tipu Sultan were the rulers of .....
3. The company took over Awadh in the year.....

ANSWER THE FOLLOWING

Q1. Who was the last powerful Mughal empire?

A1 .....

Q2. Explain subsidiary Alliance?

A2 .....

.....

Q3 Write any three causes of the Battle of Plassey?

A3 .....

.....

.....

Q4. Define the term mercantile?

A4 .....

.....

Q5 Explain doctrine of lapse?

A5 .....

.....

WRITE TRUE OR FALSE

1. The British conquest began with the Battle of \_\_\_\_\_

2. Maratha kingdoms were located mainly in the \_\_\_\_\_ part of India.

3. Dalhousie implemented the policy of \_\_\_\_\_

## ARMY PUBLIC SCHOOL MIRAN SAHIB

### HOLIDAYS HOMEWORK OF SOCIAL SCIENCE CLASSES (XI-XIII) SESSION- 2018-19

#### CLASS 8<sup>TH</sup>

- History-
  - Make one map file which consist of all the maps of the following pages-  
Page no 20,41,61(part1)  
Page no 84, 166,167 (part 2)
  - Make a chart on the famous historical personalities and write about them.
    - Civics- making of posters on following topics-  
Right to equality, no discrimination, freedom to express myself,  
untouchability is a crime against humanity.
    - Geography-
  - Make one map file which consist of all the maps of following pages-  
Page no 26,27,41,53,56,59
- Revision of syllabus of periodic test 1  
History- chapter 1- how, when and where  
Chapter 2-From trade and territory  
Geography- chapter 1- resources  
Civics-Chapter 1- what is constitution

Note- All holidays work except modal making is to be done in respective homework notebook and mapfile.

# ARMY PUBLIC SCHOOL MIRAN SAHIB

SESSION: 2018-19

**Subject: Computer (Syllabus)**

• CLASS 7<sup>TH</sup>

PERIODIC TEST-1

1. Computer software
2. Number System

**CLASS 9TH**

**SYLLABUS FOR PERIODIC TEST -1**

**L-1 COMMUNICATION TECHNOLOGY**

**L-2 CONVERGENCE OF TECHNOLOGY**

# WORKSHEET-1

SUBJECT- MATHEMATICS

CLASS- IX

CH-1 (NUMBER SYSTEM)

Q1 . Simplify:  $(3 + \sqrt{3})(3 - \sqrt{3})$

Q2. Find the rationalizing factor for the denominator of the expression  $\frac{1}{\sqrt{5}-2}$

Q3. Express the following in the form  $\frac{p}{q}$  :

i) 8.325

ii) 3.8

Q4. If  $x=3+2\sqrt{2}$  then find whether  $x+\frac{1}{x}$  is rational or irrational.

Q5. Simplify:  $3\sqrt{45} - \sqrt{125} + \sqrt{200} - \sqrt{50}$

Q6. Write  $\frac{3}{13}$  in decimal form and find what kind of decimal expansion.

Q7. Visualize the representation of 4.387 on the number line.

## WORKSHEET-2

SUBJECT- MATHEMATICS

CLASS- IX

### CH-1 (POLYNOMIALS)

Q1 . What is the degree of the zero polynomial?

Q2. What is the coefficient of  $x^2$  in the polynomial  $\frac{\pi}{6}x^2 - 3x + 4$ ?

Q3. What is the remainder when  $x^3 - 2x^2 + x + 1$  is divided by  $(x-1)$

Q4. Factorise :  $x^2 + 3\sqrt{3}x + 6$ .

Q5. Factorise :  $x^2 + \frac{x}{4} - \frac{1}{8}$

Q6. Divide the polynomial  $3x^4 - 4x^3 - 3x - 1$  by  $x-1$  and find its quotient and remainder .

Q7. Factorise:  $a^7 - ab^6$ .

## WORKSHEET-2

SUBJECT- MATHEMATICS

CLASS- IX

CH-1 (CO-ORDINATE GEOMETRY)

Q1 . In which quadrants abscissa and ordinate have same sign?

Q2.  $(-4,4)$  is a point in the IV quadrant. Write true or false and justify your answer.

Q3. Plot the following points on graph and write in which their quadrant number.

X	-4	-5	2	0	-5
y	5	5	0	4	-2

Q4. Three vertices of a rectangle are  $(-1,1)$  ,  $(5,1)$  ,  $(5,3)$ . Plot these points and find the coordinates of the fourth vertex.

Q5. Draw the quadrilateral with vertices  $(-4,4),(-6,0),(-4,-4),(-2,0)$ . Name the types of quadrilateral.

## WORKSHEET-4

SUBJECT- MATHEMATICS

CLASS- IX

### CH-4 (LINEAR EQUATION IN TWO VARIABLES)

Q1 . Write any two solutions of the linear equation  $3x + 2y = 9$ .

Q2. If  $\pi x + 3y = 25$  and  $y = 1$ , then find  $x$ .

Q3. Find the coordinate where the equation  $2x + 3y = 6$  intersect  $x$ - axis.

Q4. Find whether  $(\sqrt{2}, 3\sqrt{2})$  is a solution of  $x - 3y = 9$  or not.

Q5. Express  $x$  in terms of  $y$  for the linear equation  $\frac{2}{3}x + 4y = -7$ .

Q6. Write two solution of the equation  $4x - 5y = 15$  .

Q7. Draw the graph of the equation  $3x + 4y = 12$  and find the coordinate of the points of intersection of the equation with coordinate axes.

ARMY PUBLIC SCHOOL, MIRANSAHIB  
WORKSHEET-1(HISTORY) CLASS=VIII

NAME..... CLASS..... ROLL ..... DATE.....

OBJECTIVE TYPE QUESTIONS

CHOOSE THE CORRECT OPTION AND WRITE IT IN THE BOX AGAINST EACH QUESTION:

1. Who was asked by Robert Clive to produce maps of Hindustan?  
(a) Danulle (b) James Rennet (c) James mill (d) William Durant
2. Some historians have divided the history into:  
(a) medieval, modern, colonial (b) ancient, medieval, colonial  
(c) ancient, medieval, modern (d) ancient, modern, colonial

ANSWERS THE FOLLOWING :

Q1 What do you mean by colonial?

A1 .....

.....

.....

Q2 Who were calligraphists?

A2 .....

.....

Q3. Who was Warren Hastings ? When was he appointed as the governor general of India?

A3 .....

.....

.....

Q4 Why did historians derive from surveys ?

A4 .....

.....

FILL IN THE BLANKS

1. The colonial government gave much importance to the practice of .....
2. A history of British India is a massive ..... work.

WRITE TRUE AND FALSE

1. James Mill divided Indian history into three periods – Hindu, Muslim, Christian. \_\_\_\_
2. Official documents help us understand what the people of the country think \_\_\_\_
3. Printings began to spread by the middle of the 20<sup>th</sup> century. \_\_\_\_



# WORKSHEET-1

SUBJECT- MATHEMATICS

CLASS- IX

CH-1 (NUMBER SYSTEM)

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Q7. Visualize the representation of 4.387 on the number line.

ARMY PUBLIC SCHOOL, MIRAN SAHIB  
WORKSHEET-2(History)  
CLASS –VIII ,SOCIAL SCIENCE

NAME \_\_\_\_\_ CLASS \_\_\_\_ ROLL NO \_\_\_\_ DATE \_\_\_\_\_

Q1. FILL IN THE BLANKS

1. The British conquest began with the battle of .....
2. Haider Ali and Tipu Sultan were the rulers of .....
3. The company took over Awadh in the year.....

ANSWER THE FOLLOWING

Q1. Who was the last powerful Mughal empire?

A1 .....

Q2. Explain subsidiary Alliance?

A2 .....

.....

Q3 Write any three causes of the Battle of Plassey?

A3 .....

.....

.....

Q4. Define the term mercantile?

A4 .....

.....

Q5 Explain doctrine of lapse?

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WRITE TRUE OR FALSE

1. The British conquest began with the Battle of \_\_\_\_\_

2. Maratha kingdoms were located mainly in the \_\_\_\_\_ part of India.

3. Dalhousie implemented the policy of \_\_\_\_\_

## WORKSHEET-2

SUBJECT- MATHEMATICS

CLASS- IX

### CH-1 (POLYNOMIALS)

Q1 . What is the degree of the zero polynomial?

Q2. What is the coefficient of  $x^2$  in the polynomial  $\frac{\pi}{6}x^2 - 3x + 4$ ?

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Q7. Factorise:  $a^7 - ab^6$ .

ARMY PUBLIC SCHOOL ,MIRAN SAHIB  
WORKSHEET- 3(GEOGRAPHY),CLASS-VIII

NAME\_\_\_\_\_ CLASS\_\_\_\_\_ ROLL NO.\_\_\_\_\_ DATE\_\_\_\_\_

FILL IN THE BLANKS

1. \_\_\_\_\_ makes an object or substance resource.
2. \_\_\_\_\_ and \_\_\_\_\_ are examples for human made resource.
3. \_\_\_\_\_ refers to the amount of resources available for us.

ANSWER THE FOLLOWING

Q.1What are resources?

A1

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Q2.Write in detail about the different resources ?

A2

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Q3 Write any two point about what would happen if this resource disappeared .

A3

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WRITE TRUE AND FALSE

1.Petroleum resources of West Asia are an example of actual resources. \_\_\_\_\_

2. Human being are special resources . \_\_\_\_\_

3. Copper and iron are ubiquitous resources . \_\_\_\_\_

ARMY PUBLIC SCHOOL, MIRANSAHIB  
WORKSHEET-4(GEOGRAPHY) CLASS=VIII

NAME..... CLASS..... ROLL ..... DATE.....

OBJECTIVE TYPE QUESTIONS

CHOOSE THE CORRECT OPTION AND WRITE IT IN THE BOX AGAINST EACH QUESTION:

1. Which one of the following is not a factor of soil formation?  
a.time            b. organic matter        d. soil texture                    d. mulching
2. Which one of the following determine the land use pattern?  
a. climate        b. topography            c. minerals    d. all of these
3. Kaziranga national park is situated in :  
a. west Bengal    b. Manipur                c. Assam                    d. Odisha

Q1 Define the following terms briefly:

a) Water cycle \_\_\_\_\_

\_\_\_\_\_

b) Rainwater harvesting \_\_\_\_\_

\_\_\_\_\_

Q2. What is biosphere reserve ?

A2

\_\_\_\_\_

\_\_\_\_\_

Q3. What are the factors that lead to soil degradation ?

A3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ARMY PUBLIC SCHOOL ,MIRAN SAHIB  
WORKSHEET- 5(CIVICS),CLASS-VIII

NAME\_\_\_\_\_ CLASS\_\_\_\_\_ ROLL NO.\_\_\_\_\_ DATE\_\_\_\_\_

FILL IN THE BLANKS

1. The Indian states has a \_\_\_\_\_ form of government.
2. The president of the constitution assembly was \_\_\_\_\_
3. The three organs of the state are \_\_\_\_\_
4. The constitution of India was passed on \_\_\_\_\_
5. Nepal adopted an interim constitution in the year \_\_\_\_\_

ANSWER THE FOLLOWING

DEFINE THE FOLLOWING

1. Constitution \_\_\_\_\_

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2. Preamble

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3. Democracy-

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4.Monarchy

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**ARMY PUBLIC SCHOOL**  
**MIRAN SAHIB**  
**WORKSHEET- COMMUNICATION TECHNOLOGY**

CLASS : 9<sup>TH</sup>

SUBJECT:COMPUTER

NAME : \_\_\_\_\_

ROLL NO: \_\_\_\_\_

**Fill in the blanks**

1. \_\_\_\_\_ is the best wired communication channel.
2. Two examples of network are \_\_\_\_\_ and \_\_\_\_\_.
3. \_\_\_\_\_ is a group of interconnected networks.
4. \_\_\_\_\_ is also known as discrete signal.
5. \_\_\_\_\_ and \_\_\_\_\_ are two types of twisted pair cables.

**Answer the following questions**

1. Define network using a diagram.
2. Define the working of modem.
3. Which communication channel is used when two people are sitting and talking to each other? Explain.
4. Explain various types of cables used for connecting computers.
5. What is difference between digital signal and analog signal.

**ARMY PUBLIC SCHOOL**  
**MIRAN SAHIB**  
**WORKSHEET- COMMUNICATION TECHNOLOGY**

CLASS : 9<sup>TH</sup>

SUBJECT:COMPUTER

NAME : \_\_\_\_\_

ROLL NO: \_\_\_\_\_

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**ARMY PUBLIC SCHOOL**  
**MIRAN SAHIB**  
**WORKSHEET- CONVERGENCE OF TECHNOLOGY**

CLASS : 9<sup>TH</sup>

SUBJECT:COMPUTER

NAME : \_\_\_\_\_

ROLL NO: \_\_\_\_\_

**Fill in the blanks**

1. \_\_\_\_\_ can refer to previously separate technologies to work unitedly.
2. \_\_\_\_\_ is a way of transferring information between the various devices.
3. \_\_\_\_\_ is helpful in mixing the text ,sound, graphics, video ,animation etc.
4. The \_\_\_\_\_ is a video game console manufactured by Microsoft.
5. 3C's technology refers as \_\_\_\_\_ , \_\_\_\_\_ and \_\_\_\_\_.

**Answer the following questions**

1. What do you mean by convergence of technology .
2. Explain the term E-banking?
3. Now a days , a mobile phone is used as an entertainment device, explain.
4. Explain Voice over Internet Protocol(VoIP).
5. Define Video conferencing?

**ARMY PUBLIC SCHOOL**  
**MIRAN SAHIB**  
**WORKSHEET- CONVERGENCE OF TECHNOLOGY**

CLASS : 9<sup>TH</sup>

SUBJECT:COMPUTER

NAME : \_\_\_\_\_

ROLL NO: \_\_\_\_\_

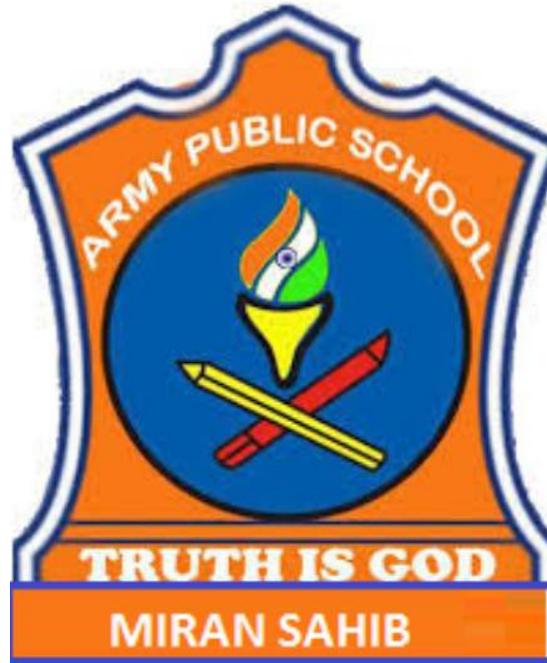
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# **ARMY PUBLIC SCHOOL MIRAN SAHIB**



**SESSION: 2018-19**

**SUBJECT: COMPUTER**

**CLASS: 6<sup>TH</sup>**

**WORKSHEETS**

**TEACHER INCHARGE: MS NITIKA MAHAJAN**

# CHAPTER: 1

## FUNDAMENTALS OF COMPUTER

### THINKING SKILLS:

1. What are the uses of computer in our day to day life?

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2. Identify the types of printer.



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3. Write the difference between Flatbed Scanner and Handheld Scanner.

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4. Identify the different input and output devices:



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# CHAPTER: 2

## COMPUTER MEMORY

### SEARCHING SKILLS:

1. Write down the units of memory:

1 Byte = \_\_\_\_\_

1 Kilobyte = \_\_\_\_\_

1 Megabyte = \_\_\_\_\_

1 Gigabyte = \_\_\_\_\_

1 Terabyte = \_\_\_\_\_

2. Identify the different Secondary memory:



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

3. What is Flash Memory?

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4. Write the difference between:

HUMAN MEMORY	COMPUTER MEMORY

5. What is Byte?

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