# VARDHMAN ACADEMY, RAILWAY ROAD, MEERUT HOME WORK FOR SUMMER VACATION 2019-20 CLASS: IX

#### **ENGLISH**

- Q. 1- During your summer vacations you made a plan to visit your uncle living in Hyderabad. You were very excited about the programme. Write a diary entry in about 100-125 words describing the horrible experience that you had when your shoes and the main bag were stolen during a railway journey.
- Q. 2- You are Rohit/Rohini write an article in about 125-150 words on 'Benefits of Yoga'.
- Q. 3- Learn and write the given topics for speaking activity-
  - (i) Speed thrills but kills.
  - (ii) Harmful effects of junk food.
  - (iii) Mobile phone- a boon or a bane.
  - (iv) Global warning.
  - (v) Advantages of co-education.
- Q. 4-As Rohan/Ramita write a letter to the editor of a national daily, regarding the problem of traffic jam due to increasing number of vehicles on road and also due to ignorance of traffic rules.
- Q. 5- Learn all the work done in the note book.

Note:- All the work will be done in a separate (thin) note book.

### HINDI

# पत्र लेखन

प्र0 1-अपने क्षेत्र में पार्क विकसित करने के लिए नगर निगम अधिकारी को पत्र लिखिए।

प्र0 2-अपने मित्र के कक्षा दस में दिल्ली क्षेत्र में प्रथम आने पर बधाई-पत्र।

# निबन्ध लेखन

प्र0 1-मोबाइल फोन-सम्पत्ति और विपत्ति की तरह ही सुखद और दु:खद है।

प्र0 2-मतदान केन्द्र का आँखों देखा वर्णन।

# संवाद लेखन

प्र0 1-परीक्षा भवन के बाहर परीक्षा से पूर्व दो मित्रों की विशय की तैयारी पर हुई बातचीत को संवाद के रूप में लिखिए।

प्र0 2—आप परिवार के साथ घुमने जा रहे हैं ट्रैफिक जाम में फँस जाने पर आपसी बातचीत को संवाद के रूप में लिखिए।

नोट- 1.कक्षा में कराया गया समस्त कार्य आगामी परीक्षा के लिए तैयार कीजिए। 2. समस्त कार्य एक अलग Note Book में करना है।

## **MATHS**

- Q. 1. Do examples of Real Numbers.
- Q. 2- Do examples of Polynomials.
- Q. 3- Do examples of Co-ordinates Geometry.
- Q. 4- Do example of Lines and angles.
- Q. 5- Do one practical in Lab manual i.e. square root spiral.
- Q. 6- Do four algebraic identities in Lab manual like  $(a + b)^2$  and  $[a + b]^3$

## **SCIENCE**

**Physics:-** Learn and write derivation of all the three equation of motion by graphical method in a file of A4 size papers.

Chemistry:-Prepare an investigatory project to find five interconversions of three state of matter from your daily life.

**Biology:-**Do the practice of diagrams of ch. 1, 2

Note: Learn all the chapters of science done in class and complete your Lab Manual.

## SOCIAL SCIENCE

1. Make a project file on French Revolution under the following topics:-

Causes National Assembly, Views of philosopher, Legacy with the help of map. 2. Prepare an assignment on Factors of production and differentiate between Traditional and Modern Farming Method.

## **INFORMATION TECHNOLOGY.**

- Q. 1. Write a note an computer security and Privacy.
- Q. 2- What are the some factors that cause imbalance in an eco system..
- Q. 3- Why is low carbon. Growth the chief aim of green economy? How do the increased carbon emission impact the environment.

# VARDHMAN ACADEMY, RAILWAY ROAD, MEERUT HOME WORK FOR SUMMER VACATION 2019-20

CLASS: X

## **ENGLISH**

Note:- Do any five articles in your English Register. W. L. (100 – 120 words)

- O. 1- Advantages of Co-education.
- Q. 2- Role of students in national development.
- Q. 3- Computer- An essential aid.
- Q. 4- Benefits of Yoga.
- Q. 5- The Defects of our education system.
- Q. 6- Ill-effect of Junk food.
- Q. 7- Write the following letters in your English Register. W.L. (100-120 words)
  - (i) Write a letter to the editor of national daily expressing your resentment against, the rampant corruptions in public life Suggest some remedial measures to root it out from public life.
  - (ii) In today's fast paced life, people have no sufficient time to take a sound sleep. Lack of sleep causes many ailments. Write a letter to the editor of The Times of India mentioning the problems due to lack of sleep. You are Rahul/Ritik of 11, Preet Vihar, New Delhi.
  - (iii) Revise and learn all the work done the class.
  - (iv) Read English newspaper daily.

## HINDI

## पत्र लेखन

प्र0 1—फै ान में समय और धन का अपव्यय करने वाली छोटी बहन को बड़ी बहन की ओर से एक प्रेरणाप्रद पत्र। प्र0 2— अपने क्षेत्र में पेय जल की समस्या की ओर ध्यान आकृश्ट करते हुए स्वास्थ्य अधिकारी को एक पत्र लिखिए।

## निबन्ध लेखन

प्र0 1—वर्तमान िक्षा प्रणाली और भविश्य। प्र0 2—मन के हारे हार है मन के जीते जीत।

# विज्ञापन लेखन (आकर्शक व सचित्र)

प्रo 1—आपने नया कोचिंग सेंटर खोला है। बच्चों को प्रवे ा के लिए आमंत्रित करते हुए एक विज्ञापन तैयार कीजिए। प्रo 2—चाय की पत्ती के विक्रय हेतु सुन्दर विज्ञापन तैयार कीजिए।

नोट- 1. कक्षा में कराया गया समस्त कार्य आगामी परीक्षा हेत् तैयार कीजिए

2. समस्त कार्य एक अलग Note Book में करना है।

## **MATHS**

- Q. 1. Solve optional exercise of chapter polynomials with examples.
- Q. 2- Solve optional exercise of chapter Pain of linear equations in two variables with examples.
- Q. 3- Solve optional exercise of chapter Probability with examples.
- Q. 4- Do examples of chapter Trigonometry and Heights & distances.
- Q. 5- Do examples of chapter Probability and pair of linear equations. Revise the full syllabus for PA I.
- Q. 6- Do activity 1, 2 and 6 in Lab manual.

## **SCIENCE**

Physics:- (i) Draw all the ray diagrams on drawing sheets for all the cases of spherical mirror & lenses.

(ii) Do numerical of Pg. No. 186 Ques. No. 8 & 11 to 17 of NCERT.

Chemistry:-Prepare an investigatory project for the acids & bases (10) you use in your daily life.

**Biology:-**Do the practice of diagrams of ch. 1

Note:- Learn all the chapters of science done in class and complete your Lab Manual.

### SOCIAL SCIENCE

Make a model on anyone topic-

- (i) Soil profile
- (ii) Bamboo drip irrigation.
- (iii) Water (Rain water) Harvesting.
- (iv) Hydrological cycle or water cycle.

## **INFORMATION TECHNOLOGY.**

- Q. 1. Write about 5 computer networks alongwith their picture.
- Q. 2- Write about 5 computer viruses and paste their picture also:
  - \*Learn all the work done in class.
  - \*Make a computer file and do all the work in it.