

**THE DALY COLLEGE**  
**Holiday Homework – 2017-18**  
**Class – X CIE**

**Summer Break Assignment**

**English**

**HOLIDAY H.W. –X C.I.E. (2017-18)**

1- Write an article on the following topics in 175-200 words. (To be done in H.W note-book)

(i) Demonetization: An Impetus to Indian Economy.

(ii) Digital detoxification for Peaceful vacations.

3- Read this novel and write a book review in 150-200 words. (To be done in H.W note-book)

“20,000 Thousand Leagues Under The Sea” by- Jules Vern

**Hindi**

ग्रीष्मावकाश गृहकार्य : हिंदी (2017-18)

कक्षा : 10 (सी.आई.ई.)

1. 'अहा ज़िंदगी' (हिंदी पत्रिका) के मई तथा जून के अंक पढ़ें.

2. हिंदी के समाचार-पत्र पढ़िए.

**French**

1. L'année dernière, pendant que vous dormiez sur la plage, votre sac a disparu:

• Racontez ce que vous avez fait pour résoudre ce problème.

• Donnez vos réactions à cette expérience.

Voici le début. Continuez l'histoire: vous devez écrire 130–140 mots.

L'année dernière, je me suis endormi(e) sur la plage. Quand je me suis réveillé(e), mon sac avait disparu avec tout ce qu'il y avait dedans!...

2. Une visite à un parc d'attractions.

L'année dernière vous êtes allé(e) à un parc d'attractions. Écrivez une lettre à un(e) ami(e) français(e).

• Décrivez ce que vous avez fait avec vos amis.

• Aimez-vous les parcs d'attractions? Expliquez pourquoi/pourquoi pas.

• Préférez-vous sortir avec votre famille ou avec vos amis?

• Expliquez pourquoi.

• Dites ce que vous voudriez faire avec vos amis le weekend prochain.

3. Préparez deux monologues.

**Maths**

**X CIE**

**Activity I**

1. Place twenty different small objects on a tray, for example a coin, a pebble and so on. Show the tray to a sample of students for one minute and then cover the tray. Give the students five minutes to write down as many objects as they can remember.

2. Type a list of the same objects on a sheet of paper. Allow each of a different sample of students to study the sheet of paper for one minute and then remove the sheet. Give the students five minutes to unite

clown as many objects as they can remember.

3. Draw a diagram which enables you to compare the distribution of the number of objects remembered in each of the two situation. Is it easier to remember objects for one situation rather than the other?, Does one situation lead to a greater Variation in the numbers of objects remembered?
4. Calculate the mean and median for each set of data. Which average is more appropriate.

### Activity II

For this experiment you require a needle. On a sheet of paper draw parallel lines. separated by a distance equal to half the length of the needle. Place the sheet of paper on it table and throw the needle on to the paper 'at random'. Note whether the needle falls across a line. Repeat this 100 time. From your results find the experimental probability that the needle will full across a line.

This experiment is named after the Comte de Buffon who carried it out in order to obtain an estimate for  $\pi$  . It can be shown that the theoretical probability of the needle falling across a line is  $2/\pi$ . Use your results to obtain this estimate for  $\pi$ .

### Activity III

Shuffle a pack of cards and pick a card at random, Record the identity of the card. Repeat this to give 50 selections in all. replacing the card and shuffling after every selection. From your data calculate the experimental probabilities of picking

(i) a red Card, (ii) an even score {2, 4, 6, 8,10}, (iii) a picture Card {J, Q, K},

Check whether the following statements are true for your experimental probabilities;

(a)  $P(\text{even or picture}) = P(\text{even}) + P(\text{picture})$ ,

(b)  $P(\text{even or red}) = P(\text{even}) + P(\text{red})$ ,

(c)  $P(\text{even and red}) = P(\text{even}) \times P(\text{red})$ .

Compare with what you would expect theoretically.

## Physics

### CLASS X CIE PHYSICS – 2017

Design and present an activity to demonstrate any one of the following phenomenon.

1. Reflection
- 2.Refraction
- 3 .Dispersion
4. Magnification produced by a convex glass.
- 5 . Increase in mass of a moving body increases momentum.

## Chemistry

1. Search and make a note on the source and harmful effects of the following pollutants:

- a) Carbon monoxide
- b) Nitrogen dioxide
- c) Lead
- d) Methane

2. Make power point presentation on the uses of following polymers in day to day life:

- a) Polyamide
- b) Polyesters

## History

### Class: X CIEHistory

Watch the following history documentaries based on your chapter 5. How effectively did the USA Contain the spread of Communism?

Korean War in Colour (Documentary)( <https://www.youtube.com/watch?v=iIobfyaiAUU>)

Full Documentary The Cuban Missile Crisis Declassified

<https://www.youtube.com/watch?v=vKvBoBaaN1A>)

Full Documentary Films - Vietnam Real Facts - History Channel

Documentaries(<https://www.youtube.com/watch?v=NXq0cqiTWpM>)

Now summarise your findings about the crisis based on the documentary (Any ONE) not more than in 200-250 words on A4 size sheets.

**Assessment Criteria:**

Presentation -2 M

Content - 2M

Neatness- 1M

## Geography

**Instructions:-**

1. Work should be complete in copy of past paper.
2. In paper 12 the map work should not be done but rest of the questions Should be done.

Take the copies of each paper from any website.

**Q.1 .** Do the past papers of Nov 2016

1. Paper 12
2. Paper 22
3. Paper 42

## Computer Science

### Summer Holiday Assignment 2017

**Class X CIE**

1. Students are required to solve Excel based practical questions from past papers years 2010 and 2011 (Both Summer and Winter) and for any query email it to teachers email Id: [alokkanoongo@gmail.com](mailto:alokkanoongo@gmail.com)
2. Students are required to prepare two presentations on the following topics
  - a. All "Recognition systems"
  - b. All "Monitoring and tracking systems"

Your presentation should include:

- a) Picture / logo
- b) Introduction / Description of the topic.
- c) If you are able to get good expressive video, add it to your presentation.
- d) Two Advantage and Two Disadvantage for each topic.
- e) Need of that Device without which it affects your working.

**Note:**

1. **Avoid taking help from elders for searching the content or for any kind of work, it should be done by the student only. Submit the same in Pen drive / CD/DVD on or before 22<sup>th</sup> June. It will not be accepted after 22<sup>th</sup> June in any condition.**

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