# TINY TOTS SCHOOL

(Senior Secondary, Affiliated to C.B.S.E.)
SUMMER VACATION HOMEWORK 2015-16

Class: X

#### **SUBJECTS**

**ENGLISH** 

- Read the two parts of the novel 'The Story of My Life' and write chapter vise summary of these parts.
- ❖ Prepare a file highlighting 'Eve Teasing' prevalent in your area. You can click the photographs also and paste these in that file. Also write about the problem of Eve Teasing in about 500 words giving ways to curb it.
- Follow the rule of 'Each One Teach One'. Write the name of the person and tell how you make him/her literate.

Hindi

फिल्में समाज का दर्पण होती हैं। वे समाज की वास्तविक दशा, नैतिक मूल्य, परंपराओं तथा आधुनिक समाज की बदलती अवधारणाओं को दर्शाती है। परंतु फिल्म निर्देशक पर ही एक फिल्म का आकार और भविष्य निर्भर करता है। भारतीय सिनेमा के गौरवशाली इतिहास में ऐसी कई नायाब और असाधारण फिल्में बनाई गई हैं जिनके निर्देशक अत्यंत प्रतिभाशाली थे।

निम्नलिखित ऐसे कुछ फिल्म निर्देशक हैं जिन्होंने अपनी अमिट छाप छोड़ी है—सत्यजीत रे, गुरू दत्त, यश चोपड़ा, ऋषिकेश मुखर्जी, राज कपूर, बिमल राय, मनमोहन देसाई। इनमें से किन्ही तीन फिल्म निर्देशकों के बारे में, संगीत, कलाकारों एवं उनका सामाजिक संदेश के बारे में जानकारी एकत्र पर परियोजना तैयार करें।

परियोजना में निम्नलिखित बिन्दुओं का समावेश आवश्यक है -

- परियोजना का आकार ए४ हो।
- परियोजना हस्तलिखित हो व चित्रों का समावेश हो।
- परियोजना में न्यूनतम 12 पृष्ठ अनिवार्य रूप से हों।

#### **SCIENCE**

Activity:- Visit a health center in your locality and find out what is the normal range of Homeoglobine (Hb) content in human beings.

[a] It is the same for children and adults?

[b] Is there any difference in the Hb levels for men and women.

[c] Collect data for women and men.(10)

Ques.1 Draw labelled diagram of human digestive and respiratory system.

Ques.2 With which organ system of human are the following associated.

a. Vena cava

b. alveoli

c. vili

d. Bowman's Capsule.

Ques.3 "Respiration is a vital function of the body" Justify this statement.

Ques.4 Balance the following equations:

[a]  $Na+O_2 \longrightarrow Na_2O$ 

[b]  $H_2O_2 \longrightarrow H_2O + O_2$ 

[c]  $Mg(OH)_2 + HcI \longrightarrow Mgcl_2+H_2O$ 

[d] Fe+O<sub>2</sub>  $\longrightarrow$  Fe<sub>2</sub>O<sub>3</sub>

[e]  $AI(OH)_3 \longrightarrow AI_2O_3+H_2O$ 

[f]  $NH_3+E_4O \longrightarrow C_4+N_2+H_2O$ 

[g]  $Al_2(SO_4)_3+NaOH \longrightarrow Al(OH)_3+Na_2SO_4$ 

[h]HNO<sub>3</sub> + Ca(OH)<sub>2</sub>  $\longrightarrow$  Ca(NO<sub>3</sub>)<sub>2</sub>+H<sub>2</sub>O

[i] NaOH+  $H_2SO_4$   $\longrightarrow$  Na $_2SO_4+H_2O$ 

[j]  $Bacl_2+H_2SO_4 \longrightarrow BaSo_4+Hcl$ 

#### **SOCIAL SCIENCE**

No matter how much care we take, accidents will happen. "Hope for the best; Plan for the worst." Keeping the above statement in mind, prepare a project on Administering First Aid as a part of your disaster management project as per the following guidelines:

## 1. Highlight the following:

- a. Definition of Disaster.
- b. What is disaster management?
- c. Name 10 prominent man made and 10 prominent natural disaster which have occurred in the world in the past 100 years and research the statistics of lives lost in each disaster and enumerate mitigation measures.
- d. Write any inspiring real life story based on a disaster.
- 2. Administering First Aid (select any two for your project)

(Detail various type of each selected, if any)

- a. Fractures
- b. Asthma attack
- c. Back Injury
- d. Bites
- e. Burns
- f. Choking
- g. Drowning
- h. Heat Stroke
- 3. Based on your selection in point 2 above, enumerate the following in your project:
  - a. What the victim may complain of-
  - b. What to look for (symptoms)
  - c. What to do -
- 4. Based on your selection of the accident in point 2 above make any one of the following to promote awareness of safely in and outside your home.
  - a. Make a poster
  - b. Make a list of addresses and phone numbers of five prominent hospitals closest your locality.
  - c. Preparing an awareness slogan.

### **General Instructions:**

- 1. The project should be hand written.
- 2. It should be well presented, researched and pictorial.
- 3. Cover page, table of contents, acknowledgements, bibliography, headings and sub headings are must.
- 4. Each section should be done on different coloured A4 size sheets.
- 5. You also need to design a poster on Disaster mitigation awareness and include it in your project.
- 6. The project should be presented in a file.
- 7. The project should not exceed 12 pages.
- 8. Do not exceed 700 words.