SHEMFORD FUTURISTIC SCHOOL

Summer Vacation Homework (Session-2024-25)

Grade- IX

SST

**1-Compare 'The declaration of rights of men and citizen' and 'Fundamental rights given by Constitution of India'. Make a brief report on it and mention how the spirit of democracy has evolved since last 200 years.**

**2-Choose either of the armed forces or civil defence forces in India and make a report on-**

**The role that they play in India today.**

**Collect information about areas where the forces has been called upon to maintain peace.**

**List the International Humanitarian Law and The Universal Declaration of Human Rights.**

**English**

**1-Write a blog sharing the best day of your summer vacation.**

**2-Write a diary entry of a get together party that was held at your place.**

**Computer Application**

**1-Make a project file on Computer system.(All the external and internal parts of computer)**

**Hindi**

**1-शिक्षा का महत्व बताते हुए अपने मित्र को पत्र लिखिए।**

**2-'वतर्मान समय मे तकनीकी ज्ञान कितना आवश्यक है' या 'वनों के महत्व' पर अनुच्छेद लिखिए।**

**3-'ल्हासा की ओर'पाठ के आधार पर अपनी किसी भी यात्रा का वर्णन करें, जिसमें यात्रा के सभी सिध्दांतों को शामिल किया गया हो**

**Science-**

1-Read chapter -7, Motion and prepare a brief write up of any concept of this chapter in your notebook.

2-Make a working model on any one of the following:

a) Hydraulic lift

b) Tesla coil

c) Chandrayaan 3

d) Artificial Drone camera

1- Write the contribution of the following scientists in the study of the cell.

a) Robert Hooke

b) Purkinje

c) Robert brown

d) Schleiden & Schwann.

2. State the main functions of each of the following components of the cell.

3. a) Plasma membrane.

b) Mitochondria.

c) Nucleus

d) Ribosome.

3. Draw the diagrams of plant cell and animal cell. Label the cell organelles present in them.

4. Name the types of plastids more common in

5. a) Leaves of plants.

6. b) Colorful flowers

7. c) Root of plants.

Note: Holiday assignment has to be done in school notebook.