

## Holiday Homework 2010

### Class – VII

#### English

1) Choose a ruler from the Mughal period or the Delhi Sultanate who you admire the most.

- What are the qualities you like in him or her?
- Why do you find him inspiring?
- Could you find out about some of the wars that he fought?
- To what extent were these wars necessary? Did he have an alternative?
- What do you think are the leadership qualities that made him a great ruler?
- What do you think are the qualities of an able and just ruler?

Think and reflect about the aforementioned questions and then write a short piece of around 150 words. You may wish to quote some historical events and dates.

2) Write a short play on any of the following scenes based on historical events.

- a) The espionage system of Alauddin Khilji. Scene: Spies of the emperor checking the weights and measures used in the market place
- b) Akbar holding discussions on the Din-i-Ilahi. Scene: Akbar;s court with representatives and scholars of different religions holding discussions
- c) Shivaji’s escape from Agra Fort
- d) Jehangir’s justice
- e) Muhammad bin Tughlaq’s policies: i) taxation in the Doab ii) transfer of the capital iii) currency

The class will be divided into groups of 6/7. Each group will be given any of the above historical events to write a short play, which it will perform after the summer holidays. Each group will write the script, dialogues, decide the roles and research the event during the holidays.

#### Mathematics

Q.1 Write down the next five lines in this pattern:

$$1 * 999 = 999$$

$$2 * 999 = 1998$$

$$3 * 999 = 2997$$

$$4 * 999 = 3996$$

Q.2 Write down the next 10 lines of the sequence:

$$3 * 4 = 3 + 3^2$$

$$4 * 5 = 4 + 4^2$$

$$5 * 6 = 5 + 5^2$$

Q.3 Fill in the blanks:

(a)  $72 * 73 = \dots\dots$

(b)  $39 * 40 = \dots\dots$

- Q.4 Take a newspaper, and observe the maximum temperature for 7 days of your city from May 17 to May 23, 2010. Make a time - temperature graph with the help of your data.  
(Note: Show dates horizontally and temperature vertically.)
- Q.5 Prepare any one model based on any mathematical concept.

Few suggested topics are:

- 1) Bar Graph / Pie Chart
- 2) Properties of parallel lines.
- 3)  $(a + b)^2 = a^2 + 2ab + b^2$
- 4) Pythagoras' theorem
- 5) Height and Distance
- 6) Polygons in Medieval Architecture
- 7) 3-D Shapes
- 8) Symmetrical figures in Medieval Architecture

## Science

Q1. Fun and learn

Z	O	N	P	M	S	T	O	P	M	Z
Q	M	S	O	D	I	U	M	L	O	Q
A	M	E	T	H	A	N	E	O	V	N
B	C	E	C	H	K	L	T	Z	U	E
O	A	M	O	E	B	A	M	O	N	W
T	X	W	B	A	M	A	G	N	E	T
A	I	G	A	R	O	I	D	E	K	O
N	H	K	L	T	K	C	J	F	H	N
Y	A	B	T	S	C	U	R	V	Y	Z

Find  
hidden in the box.

the answers

1. A unit of force –
  2. Vitamin – C deficiency –
  3. Radioactive element used in the treatment of Cancer –
  4. Single cell animal –
  5. Pumping house of body –
  6. Attract magnetic substances-
  7. Latin name Natrium –
  8. Layer which protects us from UV radiation –
  9. A green house gas –
  10. Study of plants –
- Q2. Join in pairs to make ten meaningful words –

FO	LAR	VO	SUE
BO	BIOF	KI	CL
DNEY	TIS	ENE	CHO
SO	RCE	UEL	ONING
LTAGE	RGY	RON	LERA

- Q3. Make a table mentioning communicable diseases (any 5), their mode of transmission, symptoms, preventive measures and control. Prepare a small first aid kit.
- Q4. What is Acid Rain? Write in brief its causes, effects and preventive methods.
- Q5. What do you understand by Renewable sources of energy? Discuss in detail any four and make a working model.

### **Social Studies**

Make **two card games** with quiz. Each card should be of A4 size like a greeting card. Use the information available in your text book and from other sources.

### **Choose one ruler from the early medieval and one ruler from the later medieval period.**

This activity should include the following:

1. Paste or draw the picture of the ruler and the queen on the front side with one monument built by them or for them
2. Make a horizontal timeline of the ruler's political achievements inside the card on the left side.
3. Frame a quiz of 5 questions on the social and economic life of the period inside the card on the right side and write the answers at the back.

### **French**

Prepare a power point presentation/ written presentation on any city of France dealing with its geographical and cultural aspect.

### **Sanskrit**

निम्नलिखितेषु विषयेषु एकस्मिन् विषये अन्वेषणं कृत्वा 2025 वाक्यानि लिखत ह्य चित्र सहितम् ह

- कल्पना चावला
- बछेन्दी पाल
- किरन बेदी

## Hindi

निम्नलिखित में से कोई एक प्रश्न A4 Size sheets में करें ।

1. सूफी संतों के बारे में आप क्या जानते हैं ? किन्हीं दो सूफी संतों के बारे में जानकारी देते हुए उनकी रचनाओं के नाम बताइए ।

अथवा

2. भक्ति कवियों के बारे में आप क्या जानते हैं ? किन्हीं दो भक्ति कवियों की जानकारी देते हुए उनकी रचनाओं के नाम बताइए ।

नोट : केवल पढ़ने के लिए

प्रसिद्ध हिन्दी साहित्यकारों की कोई दो कहानियाँ पढ़िए । कक्षा में इनकी विस्तृत चर्चा की जाएगी ।