

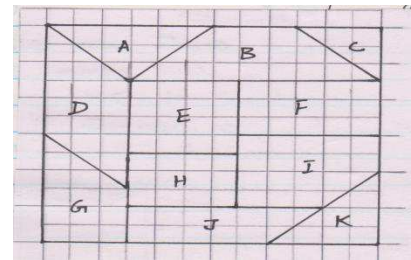
B.C.M. SR. SEC. SCHOOL, SEC 32-A, CHD. ROAD, LUDHIANA
Holidays Homework **Class: VII**
Subject: Science

1. Why do veins have valves, whereas arteries don't have?
2. Why are flowers that are pollinated by the insects brightly coloured or sweet smelling?
3. Mr. Gupta is the president of his colony. He does not allow people to remove grasses and plants and make the land concrete, as this would adversely affect the water table. In the meeting he explains the importance of green areas for increasing the water table and ill effects of making land concreted. Mention any two ways in which trees and forests help in maintaining water table.
4. Why cannot copper wire be recommended as fuse wire?
5. What will happen if decomposers are destroyed from the forest?
6. The bob of a simple pendulum takes 0.25 sec to go from one extreme position to mean position. What is the time period of the pendulum?
7. Sham Lal, a farmer always oils his agricultural tools when not in use. Give reasons.
8. You must have seen birds sitting on an overhead electric cable comfortably. Once a while, a monkey swings between the two parallel wires, gets electrocuted and dies. Give explanation.
9. Raghav discourages his gardener from burning dried leaves. Why? What should we do with these leaves?
10. Why is the conservation of water more relevant today than about ten decades back?

Subject: Mathematics

1. In the given figure, each small square of the grid has an area of 1 square unit. Answer the following questions:

- a) Name each of the following polygons from A to K.
- b) Find the area of each polygon.
- c) What is the area of the entire figure?
- d) Which polygons have equal area?
- e) Which figure is formed by combining polygon A and B?



2. Fill the empty boxes with power of 2, so that the product of numbers in any row, column and two diagonals are same.

2^8		2^6
	2^5	
2^4		

3. Find the number of square tiles of size 50 cm required to pave on the cross roads as shown in the diagram



4. Give the measurements of a rectangle and a square so that they have same area but different perimeter.

5. A scooter was sold for Rs. 24000 at a loss of 4% for what price it should be sold to gain a profit of 2%.
6. The radius of the wheel of a bus is 70cm. How many revolutions will it makes to travel 363 km.
- Note:- Revise, chapters – Perimetres and Area, Exponents and Powers, Algebraic Expressions, Rational Numbers, Practical Geometry..

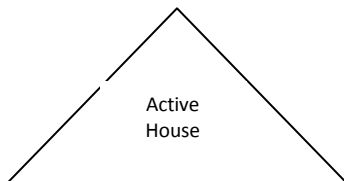
Subject: English

1. Rearrange the jumbled words to get the correct spelling. 5m

A) Raluctently	_____	F) Denwoud	_____
B) Abandunt	_____	G)Roachapped	_____
C) Empla	_____	H) Tinadestion	_____
D) Orbhaunole	_____	I) Treenal	_____
E) Teenthread	_____	J)Eiervcer	_____

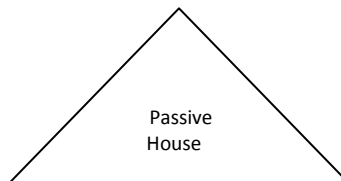
2. Complete the sentences by writing the subject in the Active House and the Passive House.

5m



'Doers' of Action

- a) _____ Killed a rat
- b) _____ Sells sandwiches.
- c) _____ have eaten all the cake
- d) _____ is training the lions.
- e) _____ built a nest.



'Receivers' of Action

- a) _____ was killed by a cat
- b) _____ are sold by the shopkeeper.
- c) _____ has been eaten by the children.
- d) _____ are being trained by the trainer.
- e) _____ was built by a bird.

3. As sugandha write an e-mail in not more than 100 words to your friend Aditi, giving her useful advice on how to tackle the approaching exams. 5m

Value Points:- Be attentive _____ make a time table _____ follow the time table _____ sleep early _____ get up early _____ eat nutritive food _____ find time to relax _____ remain stress free.

4. Correct the errors in the following sentences and rewrite them:

- a) The quality of mangoes are good.
- b) The news were bad.
- c) The study of mathematics require concentration.
- d) The king and the general has arrived.
- e) Three-fourth of the city were flooded.

Subject : Social Science

1. Find out about three children who have been awarded the 'Bravery Awards' on 26th January 2012-13. Write how they acted with courage in time of crises. Paste Pictures also.

कक्षा - सातवीं

विषय - हिन्दी

- क) मोबाइल फोन के दुरुपयोग से होने वाले नुकसान के बारे में बताते हुए छोटे आई को पत्र लिखें।
- ख) शीतकालीन अवकाश में घर आए मेहमान के साथ बिताए समय का वर्णन 100 शब्दों में करें।

प्रभाव - मंडवी

दिना - यमाघी

- (उ) यह अभिने हिमिभां धारे मंधप हिन लिखे मे मरुह र माछाका ममागम तै
भुगहागलिष घछाडिह हिन मगली जेह ।

PROJECT

Paste pictures & write about the life and achievements of
Bharat Ratna Awardees of 2014.



Happy New Year 2015!!!! Enjoy Yours Holidays !!!

