# DAYAWATI MODI ACADEMY, RAMPUR HOLIDAY HOMEWORK VI

### विषयः हिन्दी

- प्रo 1 आपकी पाठ्य पुस्तक बाल रामायण का कौन सा चरित्र आपको सर्वाधिक पसन्द है, उसके बारे में तर्कसंगत ढंग से बतातेहुए पाँच पंक्तियों में अपना उत्तर दीजिए।
- प्रo 2 अपनी पुस्तक उत्कर्ष के वार्षिक परीक्षा के अन्तर्गत आने वाले सभी पाठों के नाम एवं उनके लेखकों के नाम याद करके लिखिए।
- प्र0 3 आपने शीतकालीन अवकाश कैसे व्यतीत किया, इसके बारे में बताते हुए अपना अनुभव लिखिए।
- प्र0 4 निम्नलिखित मुहावरों के अर्थ लिखिए।।
  - गागर में सागर
  - चादर देख कर पैर पसारना
  - गाँठ बाँधना
  - कदम उठाना

#### **ENGLISH**

- 1- Write a letter to the Editor of a local news paper on the issue of the lack of a play ground in your area.
- 2- You are the principal of a school . Write a notice and inform the students about the 'Garden Festival' to be organised in school. Every child has to bring one potted plant and to give it a name.
- 3- Imagine that 'The restless genie' has been assigned to you for one day. Make a list of ten jobs that you will ask him to do for you. Make sure you assign tasks that are:
- a) Of social relevance.
- b) For your school.
- c) For your friends.
- d) For your country.
- e) For your city.
- f) For your family

#### **SOCIAL SCIENCE**

- Q.1 Find out the name of ten cities that are located on the same latitude as Rampur.
- Q.2 Harshavardhana wanted to expand his kingdom but could not proceed beyond the Deccan. Why was this so?
- Q.3 Mention the power of nyaya panchayat?

#### **MATHEMATICS**

- 1. Draw the following pair of shapes using a pair of set squares:
  - Square
  - Rectangle
  - Parallelogram
  - Rhombus
  - Trapezium
- 2. Find the number of lines of symmetry of following shapes:

- Equilateral triangle
- Square
- Rectangle
- Rhombus
- 3. Draw the following angles using pair of compasses:
  - 67.5 degree
  - 22.5 degree
  - 105 degree
  - 45 degree
- 4. Evaluate the expression if x=6, y=-8, z=-3 and w=4:
  - 3x-4y-6z
  - 5x-8z+9z-3w
  - 2x+4y
- 5. Write the properties of the following quadrilaterals:
  - Trapezium
  - Parallelogram
  - Rhombus
  - Kite
- 6. Draw a circle with centre O and radius 3cm. Draw a sector having an angle of 54 degrees.
- 7. What is the difference between square pyramid and triangular pyramid?
- 8. How many envelopes can be made out of a sheet of paper 72cm by 48cm, if each envelope requires a size 18cm by 12cm?

## SCIENCE

- 1. THE GRAPH SHOWS THE AMOUNT OF LIGHT THAT FOUR DIFFERENT MATERIALS LET THROUGH. WHICH OF THEM IS THE BEST CHOICE TO MAKE THE FOLLOGING ITEMS.
  - I. A CAR WINDSHEILD II. A BATHROOM WINDOW PANE GIVE REASONS FOR YOUR ANSWER

- 2. WRITE THE NUMBERS 0-9 ON A PIECE OF CHARTPAPER AND CUT OUT THEIR SHAPES.LOOK AT THEIR REFLECTIONSIN MIRROR. WHICH NO.S LOOK LIKE? COMPARE THEIR REFLECTIONS WITH SHADOWS
- 3. EXPLAIN THE TERM "MOTION" WITH EXAMPLES.
- 4. WRITE DOWN THE FOUR USES OF MAGNETS.
- 5. YOU COME BACK FROM SCHOOL AND NOTICE THAT YOUR LITTLE SISTER IS PLAYING A COMPUTER GAME. AT THE SAME TIME, THE TV AND THE MUSIC SYSTEM ARE ON. HOW WOULD YOU CONVINCE YOUR SISTER THAT ELECTRICITY SHOULD NOT BE WASTED.
- 6. COMPARE TRANSLATORY AND ROTATIONAL MOTION.

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