



**Nepal Police School**  
**Sanga, Kavre**  
**Dashain Vacation Assignment 2074**

**Class: VI**

**विषय : नेपाली**

- १) तल दिइएको शीर्षकमा निबन्ध लेख्नुहोस् ।
  - क) मेरो मन पर्ने पुस्तक
  - ख) अनुशासन
  - ग) विद्यालय
- २) आफ्नो विद्यालयको बारेमा विदेशमा बस्ने दाईलाई एउटा चिठी लेख्नुहोस् ।
- ३) दशैंको बारेमा लेख्नुहोस् ।
- ४) हस्तलेखन ५ पाना लेख्नुहोस् ।

**Subject : Science**

1. Make a list of different methods of separation of mixtures used to separate the components of a mixture at your home with examples and describe the local process to purify muddy water with the help of a neat and clean diagram.  
[Diagram : Page no 108]

**Subject: Social Studies**

1. Prepare a report on SAARC countries including the following guidelines.

Map--- Area---boarder---Population---Any five national prides.

**Subject: English**

- 1) Read the following passage carefully and answer the questions given below:

Many animals are able to communicate with each other very well but none of them can talk as we do. That is, no animals use words. Birds cry out and make sounds that other birds understand. Smells, movements, and sounds are used for communication by animals, through which they express joy or anger or fear.

Human speech is a very complicated process, which no animal can perform. One reason is that in a very special way we use a whole series of

organs to produce the sounds we want to make when we utter words. The way our vocal cords are made to vibrate, the way the throat, mouth and nasal cavities are adjusted, the way the lips, teeth, lower jaw, tongue and palate are moved just to make vowel and consonant sounds, is something animals can't do. They cannot produce a whole series of words to make a sentence. There is another, perhaps more important reason why animals can't talk. Words are only labels for objects, actions, feelings, expressions and ideas. For example, the word 'bird' is a label for a living, flying object. Other words describe its colour, shape, flying and singing. Still other words would be used to tell what the speaker thinks or feels about the bird or its actions. For human beings, therefore, the use of words means the use of labels or symbols and then organizing them in a certain way to communicate something. This requires a degree of intelligence and logical thinking that no animals have. So, they can't talk the way people do.

**A. Write 'True' or 'False'**

- a. Animals can't produce a whole series of words to make a sentence.
- b. Animals are able to communicate with each other very well.
- c. Sounds are not used for communication by animals.

**B. Find the opposite meaning of given words:**

- a. Simple
- b. Disorder or disarranging

**C. Answer the following questions**

- a. For what purpose animal use sounds?
- b. Why human speech is very complicated process?
- c. Do animals have their own communication?

**(Group B) Maxim Grammar**

- 8) Choose the best answer and fill in the blanks

- a) Hand me .....hammer. (that, those)
- b) I saw.....in the mirror. (me, myself)
- c) 'Are .....an English teacher?' (yours, your, you)
- d) They .....sleeping inside classroom. (is, was, were, shall)
- e) She is the girl ..... is very talented. (who, when, where)

- 9) Change the following words as indicated in the bracket.

- a) great (superlative degree)      b) attractive (superlative degree)
- b) good (comparative degree)      d) loud (adverb)

c) wise (adverb)

f) turn (past participle)

d) want (past simple)

h) them (reflexive pronoun)

10. Write a letter to your friends describing about 'How was your Dashain Vacation.'

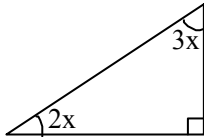
**Subject: Maths**

1. How many sides are there in pentagon and nonagon?

2. The two angles of a triangle are  $50^\circ$  and  $70^\circ$ , find its third angle.

3. Construct an angle of  $90^\circ$  using compass.

4. Find the value of  $x$ .



5. Length of a cubical room is 5 m. Find its total surface area.

6. If the perimeter of a rectangular garden is 120m and its breadth is 20m. Find its length and area.

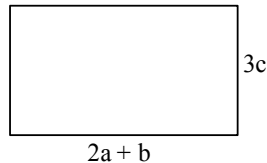
7. Find the sum of interior angles of hexagon.

8. Simplify:  $66 \div (18 \div 3 \times 2 + 10)$

9.  $55 \div 11[120 \div 2\{4 + (10 + 5 - 7)\}]$

10. Write the divisibility test of 3 with examples.

11. Find the sum of  $-8 + 4$  using a number line.



12. Find the area of rectangle:

13. Draw a straight line  $PQ = 6$  cm and draw a perpendicular bisector by compass.

14. Find the smallest number which divides 72 and 60 exactly.

15. Find the square root of 324.

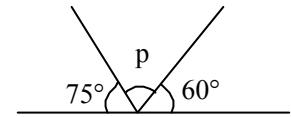
16. Manish bought a bicycle for Rs. 12,500 and sold for Rs. 10,000. Find his loss and loss percent.

17. Multiply:  $(2x - 3y)(2x - y)$

18. If  $x = 1$  and  $y = 2$ . Find the value of  $2x^2 + 3y - 6$

19. Three sides of a triangle are  $(3a + 2b)$  cm,  $(2a - b)$  cm and  $(5a + 4b)$  cm, find its perimeter.

20. Find the value of  $p$  from the given figure.



*WISHING YOU HAPPY DASHAIN,  
TIHAR AND CHHATH*