

**Riviera International Academy**

**Revision Assignment-2077**

**Day 5 (Baisakh 11, 2077, Thursday)**

**Class: Ten Date:- \_\_\_\_\_ Name:- \_\_\_\_\_**

**Subject: English**

1. Write a formal message of congratulations to be appeared in a newspaper for a social worker who has done great deeds for your community.

**Subject - Social Studies**

1. Draw a map of Nepal and insert five highways.
2. Explain Industrial Revolution and its effects on development.
3. If you were a health minister, what would be your step towards this pandemic COVID-19?

**HPE**

- A. How has 'Health, Population and Environment Education' helped your family and community to live quality of life? Write the answer in 150 words.

**Subject – Science**

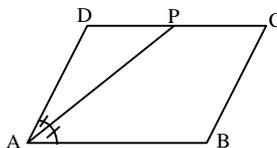
**Change the following into balance chemical equation.**

1. Aluminium + Oxygen = aluminium oxide
2. Ammonia + sulphuric acid = Ammonium sulphate
3. Hydrogen + Oxygen = Water
4. Hydrogen + chlorine = Hydrogen Chloride
5. sodium + water = sodium hydroxide + hydrogen
6. Zinc + hydrochloric acid = Zinc chloride + Hydrogen
7. Lead oxide + Carbon = Carbon monoxide + Lead

**Subject – Mathematics**

1. a) If S.P. is Rs 115 and profit is Rs 15, what is the profit percent?  
b) What is quadratic equation?
2. a) Write any two properties of kite.  
b) What is the relation of bisector of vertical angle and base of an isosceles triangle.
3. a) Factorize :  $(1 - a^2)(1 - b^2) + 4ab$   
b) Factorize :  $a^2 - b^2 + 4b - 4$

4. a) In the given figure,  
ABCD is a parallelogram,  
AP bisects  $\angle A$ , Prove that  
DP = BC



- b) Solve:  $y = 2x$  and  $x+y = 9$
5. a) Solve :  $2x^2 - 3x + 1 = 0$
- b) If  $\sin\theta = \frac{1}{2}$ , find the value of  $\cos\theta$ .

### Computer

#### 1) Select the best answer:

- a) An informal description of a program written in English language -  
 i) Algorithm ii) Flowchart  
 iii) Pseudo code iv) Program
- b) Which software protects computer avoiding harmful programs?  
 i) System software ii) Antivirus  
 iii) UPS iv) Application software
- c) A service that allows to use remote computer through Internet-  
 i) E-commerce ii) Telnet  
 iii) Downloading iv) Uploading
- d) Virus is transmitted through –  
 i) Infected portable Disk ii) Dirty keyboard  
 iii) Load shedding iv) All of them
- e) Network that connects computers within a city is -  
 i) LAN ii) MAN  
 iii) WAN iv) All of them

### बिषय : नेपाली

#### १.कोष्ठकबाट मिल्ने शब्द छान्नी खाली ठाउँ भर्नुहोस्:

- (क) .....अनेकार्थक शब्द हो । (व्यर्थ, स्वार्थ, अर्थ)
- (ख) 'निरपेक्ष'को विपरीतार्थक शब्द .....हो । (परिप्रेक्ष, सापेक्ष, विपक्ष)
- (ग) 'नक्षत्र' को पर्यायवाची शब्द ..... हो । (तारा, मेघ, बादल)
- (घ) फेरि-फेरि ..... शब्द हुन् । (पर्यायवाची, अनेकार्थक, श्रुतिसमभिन्नार्थक)

#### २. अर्थ स्पष्ट हुनेगरी वाक्यमा प्रयोग गर्नुहोस् :

घाँटी हेरी हाड निल्लु, सुइँकुच्चा ठोक्नु

#### ३. तलका शीर्षकमा २०० शब्द नघटाईकन निबन्ध लेख्नुहोस् :

- क) समयको महत्त्व                      ख) म र मेरो चरित्र

**The End.**