

Riviera International Academy

Revision Assignment-2077

Day 4 (Baisakh 10, 2077, Wednesday)

Class: Ten Date:- _____ Name:- _____

Subject: English

1. Write a moral story in three paragraphs.
2. Write a set of six rules and regulations of a zoo.

Subject - Social Studies

- 1: Draw a map of Nepal and insert Jute, Tea, Coffee, Sugarcane, Cotton, Cardamone, Tobacco, Oil seed production
- 2: What do you mean by Good Governance? Is it the one which is going on now? Give your view on current scenario.
- 3: Write a couple of paragraph on COVID-19.

HPE

- A. Write an essay on non-communicable diseases in about 300 words. You must present it in paper and get ready to do presentation later on.

Subject – Science

1. What is radical? Write the symbol and valency of the following radical.
a. Hydroxide b. Carbonate c. Sulphate d. Silicate e. Nitrate f. Peroxide g. Bicarbonate
h. Thiosulphate
2. What is molecular formula? Mention any four informations obtained from a molecular formula.
3. What are the polar and non-polar molecules? Write with examples.
4. What is balance chemical equation? Why should we balance chemical equation?

Subject – Mathematics

1. Resolve into factors.

a) $\frac{a^2}{b^2} + 1 + \frac{b^2}{a^2}$

b) $(a^2 - 4)(9 - b^2) + 24ab$

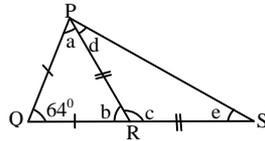
c) Simplify: $\sqrt[3]{\sqrt{64}}$

2. a) Solve : $4^{x+1} = \frac{1}{8^x}$

b) If $a = b^c$, $b = c^a$ and $c = a^b$, prove that $abc = 1$.

3. a) Find LCM of $x^4 + x^2y^2 + y^4$, $x^3 - y^3$
 b) Factorize: $x^2 - 2(x+y) - y^2$
4. a) Prove that sum of all angles is two right angle.
 b) If P° , $2P^\circ$ and 30° are the angles of a triangle, find the unknown sizes of the triangles.

5. a) Find the value of a, b, c, d and e from given figure.



Computer

1) Give single word for the following:

- a) A horizontal bar located on the bottom of the desktop -
 b) Light-sensing input device that converts printed text and graphic into digital form -
 c) The native protocol of the Internet -
 d) Freely available source code to the general public -

2) State true or false:

- a) Application software controls and manages all the internal operation of computer.
 b) The application of computer in various functional areas of manufacturing has tremendous potential.
 c) MS-DOS is a single user, single tasking operating system.
 d) HTML allows linking to other HTML documents as well as images.

3) Fill in the blanks:

- a) is developed on the demand of only single organization or user to satisfy their needs.
 b) memory is a special semiconductor memory placed between RAM and CPU.
 c) Banks have installed for customer services in order to deposit and withdraw money.
 d) Unique address to visit a website is called

4) Write function of the following HTML tags:

- i) `` ii) `<A>` iii) `<MARQUEE>` iv) `<HR>`

5) Match the following:

- | | |
|-------------|------------------------------|
| a) MKDIR | - Creates new file |
| b) CHDIR | - Copies one or more files. |
| c) DEL | - Creates new directory |
| d) COPY CON | - Deletes one or more files. |
| | - Changes directory. |

बिषय : नेपाली

१. रेखाङ्कित शब्दको पदवर्ग पहिचान गर्नुहोस् :

हाम्रो देशमा संविधान बन्थो तर राम्ररी कार्यान्वयन अझै भएको छैन । अब त्यतातिर ध्यान जानुप्यो ।

२.(क) तलको अनुच्छेदबाट दुईवटा उपसर्ग व्युत्पन्न शब्द र दुईवटा प्रत्यय यव्युत्पन्न शब्द पहिचान गरी लेख्नुहोस्

हामीले स्थानीय सीप, प्रविधि, विचार र योग्यताको कदर गर्नुपर्छ अनि राष्ट्रिय एकता

अभिवृद्धि गर्दै नेपाली संस्कृतिको संवर्द्धन र संरक्षण गर्नुपर्छ ।

(ख) समास वा विग्रह गर्नुहोस् :

कमजोर, चारबाटोको समूह

३. कोष्ठकमा दिइएका धातु र सङ्केतका आधारमा खाली ठाउँ भर्नुहोस् :

(क) विज्ञान र प्रविधिका कारण समाज(बदल:अपूर्ण वर्तमान)

(ख) गएको राती पानी । (पर् : अज्ञात भूत)

(ग) तिमी मिहिनेती ।(बन् : इच्छार्थक)

(घ) परीक्षाफल प्रकाशित । (हु : सम्भावनार्थक)

४.कोष्ठकमा दिइएको सङ्केतका आधारमा वाक्य परिवर्तन गर्नुहोस् :

(क) आफू त यसपालि पोखरा गइन्छ । (कर्तृवाच्य)

(ख) छोरी गृहकार्य गर्छे । (प्रेरणार्थक)

(ग) उनी मिहिनेती छिन् । (पुलिङ्ग)

(घ) म घर जान्छु । म पाठ पढ्छु । (वाक्य संस्लेषण)

(ङ) हामी सबैले राम्रो अड्क ल्याएनछौं । (करण)

५.सम्भावनार्थक भावको प्रयोग गरी आफूले बनाएको भविष्यको योजना ३ वाक्यमा वर्णन गर्नुहोस् ।

Opt. Math

Short Questions

1. Find the equation of the straight line parallel to the y-axis and passing through the following points: (2,5).
2. Find the slope of the straight line and the y-intercept of the following equations: $x-y=5$.
3. Find the slope of the straight line and the y-intercept of the following equations: $y=\sqrt{3}x$.

Long Questions

1. Find the equation of the straight line under the following conditions: y-intercept=5units ans slope=tan 60°
y-intercept=3 units ans slope=tan (-60°) y-intercept=7 units ans slope=tan 120°
2. Prove that the line passing through the point (2,1) and making an angle of 45° with the x-axis also passes through the point(0,-1).

The End.