

Riviera International Academy

Assignment-2077

(Ashwin 15, 2077, Thursday)

Class: Seven

Subject-Mathematics

1. Factorise.

(a) $max + may$

(b) $a^2b - ab^2$

(c) $3ax^2 + 6a^2x$

(d) $4a^3 - 2a$

(e) $ax^2 + a^2x - ax$

(f) $4x^5y^4 - 2x^4y^5 - 8x^3y^3$

(g) $x(a - b) + y(a - b)$

(h) $3x(a + b) - 2y(a + b)$

(i) $4a(3a - b) + 2b(3a - b)$

Subject- Computer

2. Write the technical terms of the following:

- A destructive program that disrupts the normal functioning of a computer.
- A virus that infects the boot sector of a disk.
- A virus that infects the program files.
- A virus that infects the web pages having JavaScript or Vbscript.
- A program that detects and removes computer viruses from a computer.

3. State whether the following statements are true or false

- A computer virus is a useful program that helps to steal information of computers.
- Computer viruses can replicate but cannot execute themselves.
- Computer virus files can be seen in a computer just like you can see other files on the computer.
- Computer viruses can hide themselves in other host files.
- Computer viruses can run unwanted applications automatically.
- Computer viruses can spread through wireless Internet.
- The computer infected with computer viruses becomes more faster than usual.
- A computer virus increases the size of hard disk.

विषय - नेपाली

लेखाइ क्रयाकलापको १,२,३ पूरा गर।

Subject- OBTE

Read the lesson 'Utilization of Electricity for Household Purposes' (page number 170 e-book)

Answer the following questions

1. What is MCB and mention its major works?
2. What do you mean by switch? Explain with a figure.
3. Write any two things to be considered while using the socket plug?
4. Why is volt guard necessary for us?
5. Give a short introduction of electric bulbs and mention any three things to be considered while using the electric bulb?

The End.