

Riviera International Academy

Assignment-2077

(Ashwin 19, 2077, Monday)

Class: Nine

Subject- Mathematics

Source: Photos of exercises are already given.

Work: Complete all the work 7.1

Do your work neatly

Subject-HPE

Homework will be given in Google classroom.

Subject- Computer

1) Answer the following questions:

- a) What is generation of computer? Write any two features of fourth generation of computer.
- b) What is digital computer? List the types of digital computers.
- c) What is system software? List the types of system software.
- d) What is ROM? List the types of ROMs.
- e) What is supercomputer? List any two application areas of supercomputer.

2) Convert the numbers as indicated.

- a) $(245)_8 = (?)_{10}$ b) $(112)_{10} = (?)_8$

3) Perform the binary calculation.

- a) $10110 - 1101$ b) $10111 \div 100$

Subject- Science

1. Probability of breaking tall tree is more than short tree in a strong storm, why?
2. The magnitude of moment is given by $M = FS \sin A$. Calculate the maximum and minimum moment.
3. Write the differences between moment and momentum.
4. A person is applied 100N force at 50cm from the fulcrum at 30° in a door. Calculate the moment produced in the door.

The End.