

Riviera International Academy

Assignment-2077

(Bhadra 31, 2077, Tuesday)

Class: Nine

Subject- Mathematics

Source: Photo of exercise will provide tomorrow's class after discussion.

Work: work all the work of question paper.

Do your work neatly

Subject- Computer

1) Answer the following questions:

- What is application software? Write any two differences between customized and packaged software.
- What is digital computer? List any types of digital computers.
- What primary memory? Write any two differences between RAM and ROM.
- What is secondary storage device? Write any two differences between magnetic and optical storage devices.
- Write the functions of ALU and Control Unit in computer.

2) Write the full form of:

- a) SSD b) POST c) EPROM d) DVD e) SRAM

3) Convert the numbers as indicated.

- a) $(2A9)_{16} = (?)_8$ b) $(1015)_8 = (?)_{16}$

4) Perform the binary calculation.

- a) $10110 + 1101$ b) 1011×101

Subject-HPE

- Answer question C (Write difference) and question D (short notes) of Unit 2, pp. 79 and 80. (Readmore Publication)

Subject- Science

- What is ideal machine? A simple machine has efficiency 80%, what does it mean?
- A long spanner is used to open tight bolt, why?
- What is lever? State the principle of lever. Mention the four methods by which simple machine works.
- A lever is used to lift a load of 500N by applying 300N effort. The load kept at 50cm from fulcrum and its VR is 3, calculate effort distance, MA, efficiency, input work and output work.

The End.