

# Riviera International Academy

## Assignment-2077

(Bhadra 10, 2077, Tuesday)

**Class: Nine**

### Subject- Mathematics

Source: Photos of exercise are already given.

Work: Complete all the work from page 99 & 100.

**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)  $1011 \times 101$

### Subject-HPE

Answer question C (Write difference) and question D (short notes) of Unit 2, page 56. (Readmore Publication)

### Subject- Science

- What is MA? Why MA is less than one in third class lever?
- What is input and output work of simple machine? Why input work is always greater than work.
- Define efficiency of simple machine. Establish the relation between MA, VR and efficiency.
- Metal cutter has short cutting edge than that of the cloth cutting scissor, why?

**The End.**