

Riviera International Academy

Assignment-2077

(Bhadra 15, 2077, Monday)

Class: Nine

Subject-HPE

A. Give very short answer to the following questions:

1. What is development?
2. Under which aspect of infrastructure of development do electricity and communication come?
3. What type of needs of quality of life are education and health services?
4. In how many levels the human development index is divided into?
5. Who introduced the concept of physical quality of life index?
6. When was the approach of basic needs developed? \
7. What is environment?
8. What is the ultimate goal of development?
9. What is happiness index?
10. Why is manpower recruitment planning necessary?

B. Short answers questions:

1. What is development? Mention any four importance of it.
2. Explain the relationship between development and environment.
3. Explain the relationship between human and development.
4. Explain the relationship between environment and population.
- 5.

Subject- Computer

1) Answer the following questions:

- a) What is generation of computer? Write any two features of fourth generation of computer.
- b) Write the functions of ALU and Control Unit in computer.
- c) What is system software? List the types of system software.
- d) What is supercomputer? List any two application areas of supercomputer.
- e) What is digital computer? List any types of digital computers.
- f) What is open source software? Write its importance.

2) Write the full form of:

- | | | | | |
|-----------|----------|----------|--------|----------|
| a) UNIVAC | b) ENIAC | c) EPROM | d) GUI | e) EDSAC |
| f) SSD | g) POST | h) IBM | i) DVD | h) SRAM |

3) Convert the numbers as indicated.

- a) $(245)_8 = (?)_2$
- b) $(1A2)_{16} = (?)_2$
- c) $(1101010)_2 = (?)_8$
- d) $(465)_{10} = (?)_8$

Subject- Mathematics

Source: Photo of exercise are already given.

Work: Complete all the work of Ex.-6.3

Do your work neatly

Subject- Science

Give reasons of the following:

1. The value of VR is greater than the value of MA, why?
2. Input is always greater than output work, why?
3. The value of efficiency is never 100% or more, why?
4. Metal cutting scissor have short cutting edge, why?
5. MA of third class lever is less than one, why?

The End.