RISHIKUL SANATAN COLLEGE
DEPARTMENT OF COMPUTER STUDIES
YEAR 11 – WORKSHEET 3
GREEN COMPUTING

Multiple Choice
Circle the letter or fill in the correct answer

1. Conservation of Resources – The 4r's: Reduce, Reuse, Recycle, and _____

   A. Refurbish
   B. Reuse
   C. Replace
   D. Recover

2. Green computing is also called

   A. Green laptop.
   B. Green debugging.
   C. Green technology.
   D. Green programming.

3. Pathways to green computing involves complimentary path namely Green Use, Green Disposal, Green Design and _____

   A. Green Production
   B. Green Waste.
   C. Green Recovery.
   D. Green Manufacturing

Open Ended Question

QUESTION 1

a) What is the importance of green computing?

b) State any two recent implementation of green computing.

Refer to the diagram below to answer the questions that follow.

c) What type of "Conservation of Resources" is shown in the picture and why is it important to engage in this practice?

d) Discuss any three ways to reduce energy consumption.

e) How could a Green Data Centre contribute to green computing?

ESSAY QUESTION

Question 1

Pathways to Green Computing: To comprehensively and effectively address the environmental impacts of computing/IT, we must adopt a holistic approach and make the entire IT lifecycle greener by addressing environmental sustainability along the following four complementary paths.

a.) Discuss the four paths for Green Computing
b.) Give 2 advantages of a Fit PC
c.) Three disadvantages and three advantages of the recent implementation of Green Computing.

**** THE END****