

RISHIKUL SANATAN COLLEGE
DEPARTMENT OF COMPUTER STUDIES
COMPUTER STUDIES – YEAR 13
WORKSHEET

All questions and answers to be written in the exercise book.

STRAND 1 – INFORMATION SYSTEM

SHORT ANSWERS

- a) Describe the different parts of **Information System**
- b) According to the Information System, most organization have departments which performing specific functions. State each functions of the following departments.
 - i) Human Resource
 - ii) Research
 - iii) Marketing
 - iv) Production
- c) Explain the **three management** levels in the organization.

ESSAY: INFORMATION SYSTEM

There are mainly four kinds of computer-based information systems which are used by all large organizations. Each system primarily supports one level of management in decision making. An example of such information system is the Transaction processing System (TPS).

Describe the overall function(s) of the TPS and state the level of management it supports. In addition, briefly describe the six basic activities of the accounting department of the TPS.

STRAND 2 – SYSTEM ANALYSIS AND DESIGN

SHORT ANSWERS

- a) Describe the three tasks carried out in **phase 1**
- b) In **phase 2** of the Systems Development Cycle, data is collected and analyzed by the system analyst in an organization.
 - i) State one method of gathering data
 - ii) Describe a tool which is used to analyze data collected
 - iii) Explain the final step that the system analyst will carry out in this phase
- c) What is included in the Systems Design Report?

ESSAY: SYSTEM ANALYSIS AND DESIGN

To design a system, you have to implement the 6 phases. With reference to the above, discuss the 6 phases, where possible, use diagrams.

STRAND 3 – WEB DESIGNING

SHORT ANSWERS

- a) Differentiate between internet and WWW
- b) Explain the different parts of URL.
- c) List and describe the two types of software server and their uses?

- d) What is the role of a website designer?
- e) List and describe the issues that lead to making a successfully website?
- f) Differentiate between
 - i) Information Design and Navigation Design
 - ii) Portable text format and plain text format
 - iii) Video format and flash format
- g) Define wireframe
- h) Explain the term Web Authoring
- i) List and explain some of the most common content formats on the web?
- j) Differentiate between HTML and CSS

ESSAY

You have been recruited by the Fiji Grace Authority (FGA) as Web Designer. After successfully completing and presenting the first four phases of the Web Development Cycle to the FGA management, it was decided to complete the other four phases to make it online.

With references to the above statement, discuss the following:

- The three important aspect of having a Service Level Agreement (SLA) between the two parties in Phase 6.
- The last two phases and the importance.
- Two advantages of having online website for FGA

All questions to be answered in one common hardcover A4 exercise book and label the subjects accordingly in the same book.

GOOD LUCK. STAY SAFE AND SANITIZED.