



**BUBT**  
*Committed to Academic Excellence*

**BANGLADESH UNIVERSITY OF  
BUSINESS AND TECHNOLOGY**

## Lab Assignment-2

Course Code: CSE 318

Course Title: System Analysis and Design

Submitted to:

Name: M. M. Fazle Rabbi  
Assistant Professor  
Dept. of CSE  
at Bangladesh University of Business  
and Technology.

Submitted by:

Name: Syeda Nowshin Ibnat  
ID: 17183103020  
Intake: 39  
Section: 01  
Program: B.Sc. in CSE  
Semester: Summer 2020

Date of Submission: 20.11.2020

①

1 No Ans:

Soln: For a system analyst to successfully achieve six output objectives is important to understand the specific and general requirements of the user. The system users have their expectations and the task of the ~~th~~ system analyst is to understand these expectations, and come up with system output, that corresponds to these expectations.

Six objectives in designing system output include:

- 1) Design a output to serve a specific purpose.
- 2) Make output meaningful to the user.
- 3) Deliver the appropriate quantity of output.
- 4) Provide appropriate output distribution.
- 5) Provide the output on time.
- 6) Choosing the most effective output method.

2

### 2 No Ans:

Soln: Different types of outputs can be produced by using various technologies. So, potential electronic output methods for users include the following:

- ☑ Web pages.
- ☑ Electronic Mail (E-mail).
- ☑ Web Sites.
- ☑ Blogs.
- ☑ Real Simple Syndication (RSS) Feeds.

### 3 No Ans:

Soln: The drawbacks of electronic and web-based output areas as follows:

- ☑ Emails are not favorable for configuring.
- ☑ Expressing the perspective of messages through emails is diffu. difficult.
- ☑ Thonough maintenance of websites is required.
- ☑ For mobile and hand held computer users, there is ~~nee~~ need to design special web pages.

3

☑ outputs should be able to be displayed on different resolutions.

☑ Web sites need diligent maintenance.

#### 4. No Ans:

Soln: There are several factors to consider when choosing output technology. Although the technology changes rapidly, certain usage factors remain fairly constant in relation to technological breakthroughs. List of the 10 factors that must be considered when choosing output technology are as follows:

- 1) Who will use the output?
- 2) How many people need the output?
- 3) Where is the output needed (distribution, logistics)?
- 4) What is the purpose of the output? What user and organizational tasks are supported?
- 5) What is the speed with which output is needed?
- 6) How frequently will the output be accessed?

(4)

- 7) How long will the output be stored?
- 8) Under what special regulations is the output produced, stored and distributed?
- 9) What are the human and environmental requirements for output technologies?
- 10) What are the initial and ongoing costs of maintenance and supplies?

5 NO Ans:

Soln: The below mentioned are the best output types, when frequent updates are a necessity:

▣ Display screen.

▣ Web output.