



NATIONAL SCHOOL OF BUSINESS MANAGEMENT

BSc in Management Information Systems (Special) (NSBM)– 20.2/20.3

Year 02 Semester 01 Examination

03rd June 2022

IS202.3 - Foundations of Information Systems

Instructions to Candidates

- 1) **Answer all questions.**
- 2) **Time allocated for the examination is five (05) hours (Including downloading and uploading time) . (Note: No email submissions are accepted under any condition.)**
- 3) Weightage of Examination: 60% out of final grade
- 4) Download the paper, provide answers to the selected questions in a word document.
- 5) Please upload the document with answers (Answer Script) to the submission link before the submission link expires
- 6) Answer script should be uploaded in PDF Format
- 7) Under any circumstances E-mail submissions would not be taken into consideration for marking. Incomplete attempt would be counted as a MISSED ATTEMPT.
- 8) The Naming convention of the answer script – Module Code_Subject name_Index No
- 9) You must adhere to the online examination guidelines when submitting the answer script to N-Learn.
- 10) Your answers will be subjected to Turnitin similarity check, hence, direct copying and pasting from internet sources, friend's answers etc. will be penalized.

Question 01**(25 Marks)**

1. Explain what a system is using an appropriate example and clearly mention how would you identify given example as a system. (5 Marks)
2. Name and briefly describe three characteristics of good data and information. (4 Marks)
3. Briefly describe the four knowledge conversion processes in the knowledge spiral (6 Marks)
4. Briefly describe the following systems giving suitable examples.
 - a. Open system and Closed system
 - b. Physical system and Abstract system (10 Marks)

Question 02**(25 Marks)**

1. List four activities performed within an information system. (4 Marks)
2. What is an information system? Name and briefly describe the resources of an information system. (10 marks)
3. Define feedback and control. Why are these important functions of a system? (6 Marks)
4. Think about information requirements for a marketing campaign of a supermarket chain. Name two main sources of information with examples that you can collect details to make your campaign a success. (5 Marks)

Question 03**(25 Marks)**

1. What is information systems infrastructure? Why is information systems infrastructure important for an organization? (5 Marks)
2. “Big Data experience a rapid increase in storage requirements”. Comment. (5 Marks)
3. Name four trends in information systems infrastructure. Briefly describe two trends, highlighting how each of these trends is helpful in overcoming the issues associated with managing information systems infrastructure (10 Marks)

Question 04**(25 Marks)**

1. Illustrate how to conduct organizational planning or organizing activities using the Information Technology resources. You can take examples of your choice.

(5 Marks)

2. Using an appropriate example explain the different information requirements for various levels of an organization.

(6 Marks)

3. You are the owner of “ABC Bank”, a prominent bank in Sri Lanka that is working with traditional manual procedures. How can you adopt the business information systems (automated) to support business operations in your bank?

(9 Marks)

4. “Some firms invest much more resources in their information systems but end up with little or no return as per their investment”. Do you agree? Provide Justifications accordingly.

(10 Marks)

-END OF THE PAPER-