



UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
DOCTOR OF PHILOSOPHY IN INFORMATION SCIENCE
FIRST SEMESTER 2021/2022
(FEBRUARY-JUNE, 2022)

DISC 910: THEORIES AND CONCEPTS IN INFORMATION SCIENCE

STREAM: Y1 S1

TIME: 3 HOURS

DAY: THURSDAY, 9:00 AM – 12:00 PM

DATE: 30/06/2022

INSTRUCTIONS:

- 1. Do not write anything on this question paper.**
- 2. Answer Question ONE (Compulsory) and any other THREE Questions.**

Question One

- a) Discuss the theoretical development of library and information science.
(10 marks)

- b) Ranganathan is the foundation upon which information science is anchored.
Do you agree?
(10 marks)

Question Two

- a) Using relevant examples, discuss the epistemological basis of information science.
(10 marks)

- b) Discuss the theory of documents in the context of information science.
(10 marks)

Question Three

- a) Using three examples of information behavior models, discuss their underpinnings of information seeking behavior. (10 marks)
- b) Discuss the relevance of Shannon's information theory to library and information setting. (10 marks)

Question Four

- a) Information Centres cannot do without the theory of collection development. Discuss. (10 marks)
- b) Explain the value of unified theory of information and librarianship. (10marks)

Question Five

- a) Discuss the implications of semiotic theory of communication to library and information environment. (10 marks)
- b) There is no phenomenon without a theory behind it. Discuss. (10 marks)