

Roll No. ....

Total Pages : 2

**311507**

**Dec. 2021**

**BCA Vth SEMESTER**

**Web Technology and Information Retrieval (GEC-4)**

Time : 90 Minutes]

[Max. Marks : 25

*Instructions :*

- 1. It is compulsory to answer all the questions (1 mark each) of Part-A in short.*
- 2. Answer any three questions from Part-B in detail.*
- 3. Different sub-parts of a question are to be attempted adjacent to each other.*

**PART - A**

1. (a) What is an invisible web? (1)  
(b) Explain the term Page Rank. (1)  
(c) What is damping factor in page rank? (1)  
(d) What is web Browsers? (1)  
(e) Define HTTP. (1)  
(f) What is Document Type Definition (DTD)? (1)  
(g) What do you mean by inverted index? (1)  
(h) What is the use of IIS? (1)  
(i) What is a directed graph? (1)  
(j) Describe the term frequency. (1)

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[P.T.O.]

## PART - B

2. (a) Why the Classic IR might lead to poor retrieval (3)  
(b) Differentiate between check box and Toggle button. (2)
3. (a) What is the use of Secure Socket Layer? (2)  
(b) List and explain components of IR block diagram. (3)
4. What is a Search Engine? Differentiate between General and Specialty Search engine. (5)
5. (a) Explain the algorithm for Block Sort based Indexing. (3)  
(b) Create a HTML which uses CSS that gives all H1 and H2 elements a padding of 0.5 ems; a grooved border style and a margin of 0.5 ems. (2)
6. (a) Differentiate between Parallel and Distributed crawler. (3)  
(b) Explain the disadvantages of Boolean model (2)
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