G. H. Raisoni College of Engineering and Management, Pune.
(An Autonomous Institution)
S.Y B. Tech (Computer Engineering) (Term-IV)
TAE-1 Summer 2022(2020 pattern)
Design And Analysis of Algorithms (UCOL206)

[Time: ½ Hour]Date: 28/02/2022   **[Max. Marks-5]**

COURSE OUTCOMES:
1. Recall basic concepts of algorithm in analysis and Design of algorithms.
2. Examine Recurrence relations, solutions of recurrence of searching sorting methods
3. Analyze Greedy methods used for analysis and Design of Algorithm
4. Apply Dynamic Programming concepts in designing algorithm
5. Evaluate advanced techniques and tools available for algorithm analysis and development

Instructions to the candidates:
1. *(CO1,CO2)at the beginning of question/sub question indicates the course outcome related to the question.*
2. *All questions compulsory.*
3. *Assume suitable data, if necessary.*

Questions	CO	Marks
1. a) Explain Algorithm and its Characristics	CO1	[1]
1. b) Solve Binary search example Search 23	CO2	[3]

2	5	8	12	16	23	38	56	72	91

1. c) Describe Maximum and Minimum Finding.   CO2   [1]