

Paper-IV

General Applications

SECTION-A

1. (a) Define ICF and its primitives. 5
(b) Explain working of DVST. Directed beam Refresh, Raster TV. 15
2. (a) Explain Hardware used in Graphics. 15
(b) Write DDA Algorithm. 5
3. (a) Explain 2-D Transformation with exaple. 10
(b) Write a program in HLL to draw Pic-chart. 10
4. (a) Differentiate Online and RTS. 5
(b) Discuss Hardware used in RTS. 5
(c) Write characteristics of RTS. 10
5. Explain use of RTS in Banking and Traffic-control signals. 20

SECTION-B

6. (a) Define A.I. 5
(b) Write note on Problem and State space. 10
(c) Is Turing Test relevant to modern A.I? Discuss. 5
7. (a) Write methods to acquire and represent knowledge. 10
(b) Why inference Engine is called on Engine, explain. 10
8. (a) Discuss Depth-first search. 5
(b) Why Heuristic is needed and explain any two Algorithms of search. 15
9. What are problems associated with NLP, discuss solutions to it. 20
10. Write notes on :
(a) Lesson Design using CAI
(b) ICAL. 20

