

## Best 30 Questions for PR

### Unit 3 to 6

1. Discuss the Elements of Formal Grammars.
2. Explain the Chomsky Normal form with suitable example.
3. Describe the Grammar Based Approach and its Application in detail.
4. What are the different types of String Grammar? Explain it?
5. Compare Grammar and Language with suitable example?
6. Describe any two examples of String Generation as Pattern Description
7. Give an Abstract View of Parsing Problem.
8. Describe Blocks Word Description String Generation example as Pattern Description.
9. Differentiate between Homomorphism and Isomorphism.
10. Analyze different application of Relational Graph to Pattern Recognition?
11. Describe Clique finding algorithm with suitable example?
12. Describe Canonical definite finite state grammar (CDFSG) with suitable
13. example? Draw and Explain Grammatical Interface Model and its objectives.
14. Describe Clique finding algorithm with suitable example.
15. Explain the Design and Selection of Similarity Measures.
16. Describe Characteristics of Neural Computing Applications.
17. Explain CAM & other Neural Memory Structure.
18. Describe with neat diagram Artificial Neuron Activation and Output Characteristics.
19. Explain the different reasons to adopt a Neural Computational Architecture
20. Explain the different reasons to adopt a Neural Computational Architecture.
21. Draw & Explain structure of a Multiple Layer Feedforward Network.
22. Explain Summary of the Back Propagation learning Procedure with suitable diagram.
23. How the character classification is done with Pattern Associator?
24. Draw & explain how to train the feedforward network using Generalized delta Rule?
25. Explain ART architecture with suitable diagram?
26. Explain SOM-Self Organizing Map with Diagram?
27. Describe Neural Networks as a Black Box Approach?
28. Describe Clique finding algorithm with suitable example?
29. Clarify how the character classification is done with Pattern Associator?
30. Draw & Explain structure of a Multiple Layer Feedforward Network?