1. What does the distance relational approach focus on in region analysis?
a) Region properties
b) External points
c) Spatial moments
d) Mixed spatial gray-level moments

Answer: b) External points
Explanation: The distance relational approach in region analysis focuses on examining the relationships between external points of a region and other features within the image.

2. Which framework for matching involves organizing models in a database?
a) Distance relational approach
b) Ordered structural matching
c) View class matching
d) Models database organization

Answer: d) Models database organization
Explanation: In the context of matching frameworks, organizing models in a database is a crucial aspect of the Models database organization framework.

3. What aspect of boundary analysis involves analyzing signature properties?
a) Region properties
b) External points
c) Spatial moments
d) Signature properties

Answer: d) Signature properties

Explanation: Boundary analysis involves examining signature properties, which describe characteristics such as curvature and orientation along the boundary of a region.

4. In region analysis, what is examined to derive mixed spatial gray-level moments?
a) Region properties
b) External points
c) Spatial moments
d) Boundary analysis

Answer: c) Spatial moments
Explanation: Mixed spatial gray-level moments in region analysis are derived by analyzing spatial moments, which capture the distribution of intensity values within a region.

5. Which approach in general frame works for matching emphasizes the order of structural elements?
a) Distance relational approach
b) Ordered structural matching
c) View class matching
d) Models database organization

Answer: b) Ordered structural matching
Explanation: Ordered structural matching in general frame works for matching emphasizes the order of structural elements within objects or patterns being compared.

6. What does view class matching focus on in general frame works for matching?
a) Region properties
b) External points

c) Spatial moments
d) Different views of objects

Answer: d) Different views of objects
Explanation: View class matching in general frame works for matching concentrates on comparing and recognizing objects from different perspectives or views.

7. Which property is not typically associated with boundary analysis?
a) Signature properties
b) Shape numbers
c) Spatial moments
d) Curvature analysis

Answer: c) Spatial moments
Explanation: Boundary analysis usually does not involve spatial moments, which are more associated with region analysis rather than boundary analysis.

8. What is the primary focus of region analysis?
a) Analyzing external points
b) Describing boundary properties
c) Examining spatial moments
d) Understanding region properties

Answer: d) Understanding region properties
Explanation: Region analysis primarily focuses on understanding and characterizing the properties and attributes of regions within an image.

9. Which approach in region analysis examines the relationships between points inside and

outside a region?
a) Region properties
b) External points
c) Spatial moments
d) Mixed spatial gray-level moments

Answer: b) External points
Explanation: The external points approach in region analysis involves examining the spatial relationships between points inside and outside a region to understand its properties.

10. What does the distance relational approach emphasize in region analysis?
a) Analyzing external points
b) Describing boundary properties
c) Examining spatial moments
d) Evaluating mixed spatial gray-level moments

Answer: a) Analyzing external points
Explanation: The distance relational approach in region analysis emphasizes analyzing the spatial relationships between external points of a region and other features within the image to characterize the region.

Related posts:

1. CVIP Basics MCQs
2. Image Representation and Description MCQs
3. Facet Model Recognition MCQs
4. Knowledge Based Vision MCQs
5. Introduction to Energy Science MCQ

6. Ecosystems MCQ
7. Biodiversity and its conservation MCQ
8. Environmental Pollution mcq
9. Social Issues and the Environment MCQ
10. Field work mcq
11. Discrete Structure MCQ
12. Set Theory, Relation, and Function MCQ
13. Propositional Logic and Finite State Machines MCQ
14. Graph Theory and Combinatorics MCQ
15. Relational algebra,Functions and graph theory MCQ
16. Data Structure MCQ
17. Stacks MCQ
18. TREE MCQ
19. Graphs MCQ
20. Sorting MCQ
21. Digital Systems MCQ
22. Combinational Logic MCQ
23. Sequential logic MCQ
24. Analog/Digital Conversion, Logic Gates, Multivibrators, and IC 555 MCQ
25. Introduction to Digital Communication MCQ
26. Introduction to Object Oriented Thinking & Object Oriented Programming MCQ
27. Encapsulation and Data Abstraction MCQ
28. MCQ
29. Relationships – Inheritance MCQ
30. Polymorphism MCQ
31. Library Management System MCQ
32. Numerical Methods MCQ

33. Transform Calculus MCQ
34. Concept of Probability MCQ
35. Algorithms, Designing MCQ
36. Study of Greedy strategy MCQ
37. Concept of dynamic programming MCQ
38. Algorithmic Problem MCQ
39. Trees, Graphs, and NP-Completeness MCQ
40. The Software Product and Software Process MCQ
41. Software Design MCQ
42. Software Analysis and Testing MCQ
43. Software Maintenance & Software Project Measurement MCQ
44. Computer Architecture, Design, and Memory Technologies MCQ
45. Basic Structure of Computer MCQ
46. Computer Arithmetic MCQ
47. I/O Organization MCQ
48. Memory Organization MCQ
49. Multiprocessors MCQ
50. Introduction to Operating Systems MCQ
51. File Systems MCQ
52. CPU Scheduling MCQ
53. Memory Management MCQ
54. Input / Output MCQ
55. Operating Systems and Concurrency
56. Software Development and Architecture MCQ
57. Software architecture models MCQ
58. Software architecture implementation technologies MCQ
59. Software Architecture analysis and design MCQ

60. Software Architecture documentation MCQ
61. Introduction to Computational Intelligence MCQ
62. Fuzzy Systems MCQ
63. Genetic Algorithms MCQ
64. Rough Set Theory MCQ
65. Introduction to Swarm Intelligence, Swarm Intelligence Techniques MCQ
66. Neural Network History and Architectures MCQ
67. Autoencoder MCQ
68. Deep Learning MCQs
69. RL & Bandit Algorithms MCQs
70. RL Techniques MCQs
71. Review of traditional networks MCQ
72. Study of traditional routing and transport MCQ
73. Wireless LAN MCQ
74. Mobile transport layer MCQ
75. Big Data MCQ
76. Hadoop and Related Concepts MCQ
77. Hive, Pig, and ETL Processing MCQ
78. NoSQL MCQs Concepts, Variations, and MongoDB
79. Mining social Network Graphs MCQ
80. Mathematical Background for Cryptography MCQ
81. Cryptography MCQ
82. Cryptographic MCQs
83. Information Security MCQ
84. Cryptography and Information Security Tools MCQ
85. Data Warehousing MCQ
86. OLAP Systems MCQ

87. Introduction to Data& Data Mining MCQ
88. Supervised Learning MCQ
89. Clustering & Association Rule mining MCQ
90. Fundamentals of Agile Process MCQ
91. Agile Projects MCQs
92. Introduction to Scrum MCQs
93. Introduction to Extreme Programming (XP) MCQs
94. Agile Software Design and Development MCQs
95. Machine Learning Fundamentals MCQs
96. Neural Network MCQs
97. CNNs MCQ
98. Reinforcement Learning and Sequential Models MCQs
99. Machine Learning in ImageNet Competition mcq
100. Computer Network MCQ
101. Data Link Layer MCQ
102. MAC Sub layer MCQ
103. Network Layer MCQ
104. Transport Layer MCQ
105. Raster Scan Displays MCQs
106. 3-D Transformations MCQs
107. Visualization MCQ
108. Multimedia MCQs
109. Introduction to compiling & Lexical Analysis MCQs
110. Syntax Analysis &Syntax Directed Translation MCQs
111. Type Checking & Run Time Environment MCQs
112. Code Generation MCQs
113. Code Optimization MCQs

114. INTRODUCTION Knowledge Management MCQs
115. Organization and Knowledge Management MCQs
116. Telecommunications and Networks in Knowledge Management MCQs
117. Components of a Knowledge Strategy MCQs
118. Advanced topics and case studies in knowledge management MCQs
119. Conventional Software Management MCQs
120. Software Management Process MCQs
121. Software Management Disciplines MCQs
122. Rural Management MCQs
123. Human Resource Management for rural India MCQs
124. Management of Rural Financing MCQs
125. Research Methodology MCQs
126. Research Methodology MCQs
127. IoT MCQs
128. Sensors and Actuators MCQs
129. IoT MCQs: Basics, Components, Protocols, and Applications
130. MCQs on IoT Protocols
131. IoT MCQs
132. INTRODUCTION Block Chain Technologies MCQs
133. Understanding Block chain with Crypto currency MCQs
134. Understanding Block chain for Enterprises MCQs
135. Enterprise application of Block chain MCQs
136. Block chain application development MCQs
137. MCQs on Service Oriented Architecture, Web Services, and Cloud Computing
138. Utility Computing, Elastic Computing, Ajax MCQs
139. Data in the cloud MCQs
140. Cloud Security MCQs

141. Issues in cloud computinG MCQs
142. Introduction to modern processors MCQs
143. Data access optimizations MCQs
144. Parallel Computing MCQs
145. Efficient Open MP Programming MCQs
146. Distributed Memory parallel programming with MPI MCQs
147. Review of Object Oriented Concepts and Principles MCQs.
148. Introduction to RUP MCQs.
149. UML and OO Analysis MCQs
150. Object Oriented Design MCQs
151. Object Oriented Testing MCQs
152. Game Design and Semiotics MCQs
153. Systems and Interactivity Understanding Choices and Dynamics MCQs
154. Game Rules Overview Concepts and Case Studies MCQs
155. IoT Essentials MCQs
156. Sensor and Actuator MCQs
157. IoT Networking & Technologies MCQs
158. MQTT, CoAP, XMPP, AMQP MCQs
159. IoT MCQs: Platforms, Security, and Case Studies
160. MCQs on Innovation and Entrepreneurship
161. Innovation Management MCQs
162. Stage Gate Method & Open Innovation MCQs
163. Innovation in Business: MCQs
164. Automata Theory MCQs
165. Finite Automata MCQs
166. Grammars MCQs
167. Push down Automata MCQs

168. Turing Machine MCQs
169. Database Management System (DBMS) MCQs
170. Relational Data models MCQs
171. Data Base Design MCQs
172. Transaction Processing Concepts MCQs
173. Control Techniques MCQs
174. DBMS Concepts & SQL Essentials MCQs
175. DESCRIPTIVE STATISTICS MCQs
176. INTRODUCTION TO BIG DATA MCQ
177. BIG DATA TECHNOLOGIES MCQs
178. PROCESSING BIG DATA MCQs
179. HADOOP MAPREDUCE MCQs
180. BIG DATA TOOLS AND TECHNIQUES MCQs
181. Pattern Recognition MCQs
182. Classification Algorithms MCQs
183. Pattern Recognition and Clustering MCQs
184. Feature Extraction & Selection Concepts and Algorithms MCQs
185. Pattern Recognition MCQs
186. Understanding Cybercrime Types and Challenges MCQs
187. Cybercrime MCQs
188. Cyber Crime and Criminal justice MCQs
189. Electronic Evidence MCQs
190. Analysis Design of Algorithm MCQ
191. Symmetric Key Cryptography MCQ
192. XML MCQs
193. System Security MCQs.
194. Linear Time- Invariant Systems mcqs

195. Control System MCQs: Basics, Feedback, and Analysis
196. OP-AMP applications MCQs
197. Radiation mcqs
198. NETWORKS mcqs
199. Satellite Services MCQs
200. NON-ELECTRICAL PARAMETER MEASUREMENTS mcqs