Started on	Tuesday, 30 September 2025, 3:31 PM
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Time taken	7 mins
Marks	14.00/15.00
Grade	**9.33** out of 10.00 (**93.33%**)

Question 1

Correct

Mark 1.00 out of 1.00

Berikut adalah 4 karakteristik RESTful architecture kecuali:

- a. Messages sent to or from a service are fully self-described
- b. Resources are identified through a single naming scheme
- c. After executing an operation at a service, that component never forgets everything about the caller ✔
- d. All services offer the same interface, consisting of at most four operations (PUT, POST, GET, DELETE)

Question 2

Correct

Mark 1.00 out of 1.00

Node-node (yaitu, proses) diatur/diorganisasi dalam lapisan/overlay yang mengikuti topologi deterministik tertentu: ring, binary tree, grid, dll adalah definisi dari:

- a. Hierarchically organized peer-to-peer networks
- b. Overlay network
- c. Unstructured peer-to-peer systems
- d. Structured peer-to-peer systems ✔

Question 3

Correct

Mark 1.00 out of 1.00

Ciri utama sistem tercentralisasi adalah:

- a. Adanya single point of failure ✔
- b. Tidak scalable
- c. Adanya banyak administrator untuk setiap jaringan
- d. Transparansi yang bagus

Question 4

Correct

Mark 1.00 out of 1.00

Pada sistem terdistribusi,jenis transparensi yang memungkinkan data/objek/proses dipindahkan ke lokasi lain atas inisiasi user disebut:

- a. Replication transparency
- b. Migration transparency ✔
- c. Relocation transparency
- d. Location transparency

Question 5

Correct

Mark 1.00 out of 1.00

Berikut adalah contoh pervasive systems kecuali:

- a. Distributed shared-memory ✔
- b. Ubiquitous computing systems
- c. Sensor networks
- d. Mobile systems

Question 6

Correct

Mark 1.00 out of 1.00

BitTorrent adalah implementasi dari:

- a. Hierarchically organized peer-to-peer networks
- b. Structured peer-to-peer systems
- c. Overlay network
- d. Unstructured peer-to-peer systems ✔

Question 7

Correct

Mark 1.00 out of 1.00

Perbedaan UTAMA antara cluster computing dan grid computing adalah

- a. cluster computing mahal, grid computing murah
- b. cluster computing beragam, grid computing homogen
- c. cluster computing murah, grid computing mahal
- d. cluster computing homogen, grid computing beragam ✔

Question 8

Correct

Mark 1.00 out of 1.00

Pada obeject oriented RPC, server-side stub disebut juga sebagai:

- a. Binds
- b. Skeleton ✔
- c. Proxy
- d. Remote object

Question 9

Incorrect

Mark 0.00 out of 1.00

Content Delivery Network (CDN) adalah implementasi dari:

- a. Structured peer-to-peer systems ✖
- b. Unstructured peer-to-peer systems
- c. Overlay network
- d. Hierarchically organized peer-to-peer networks

Question 10

Correct

Mark 1.00 out of 1.00

Pada layered architecture, umumnya terdapat 3 level yaitu:

- a. Model level, View level, Controller level
- b. Presentation level, Abstraction level, Control level
- c. Presentation level, Business level, Data access level
- d. UI level, processing level, data level ✔

Question 11

Correct

Mark 1.00 out of 1.00

Berikut adalah contoh-contoh Service-oriented architecture kecuali:

- a. Cloud Computing architectural sytle ✔
- b. Object oriented architectural style
- c. Microservice architectural style
- d. Resource-based architecture

Question 12

Correct

Mark 1.00 out of 1.00

Berikut adalah beberapa contoh architectural style kecuali:

- a. Publish-subscribe architecture
- b. Service-oriented architecture
- c. Layered architecture
- d. Client-Server architecture ✔

Question 13

Correct

Mark 1.00 out of 1.00

Pada sistem terdistribusi, jika user tidak bisa mengetahui letak data/objek secara fisik pada sistem merupakan jenis transparensi:

- a. Replication transparency
- b. Relocation transparency
- c. Location transparency ✔
- d. Access transparency

Question 14

Correct

Mark 1.00 out of 1.00

Cloud computing umumnya menawarkan 3 service kecuali

- a. Application as a Service ✔
- b. Software as a Service
- c. Infrastructure as a Service
- d. Platform as a Service

Question 15

Correct

Mark 1.00 out of 1.00

Mailbox pada publish-subscribe architecture termasuk pada kategori:

- a. Referentially coupled, temporally coupled
- b. Referentially decoupled, temporally decoupled
- c. Referentially decoupled, temporally coupled
- d. Referentially coupled, temporally decoupled ✔

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