TGPCET NAGPUR INDIA

OOS-MCQ for GATE-UPSC-NETQNS

Distributed System MCQ 2018 Developed by Dr PL Pradhan, IT Dept, TGPCET, NAGPUR, Subject Teacher of Distributed System

5/7/2018



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108
NAAC Accredited

Department of Information Technology

The Distributed System developed by Dr Pradhan P L which will be helpful to GATE-UPSC-NET Exam for B Tech, M Tech CSE, IT, BCA, MCA & MSc (Computer Sc & IT)

DS MCQ 2018 Developed by Dr PL Pradhan PL, IT Dept, TGPCET, NAGPUR, INDIA Subject Teacher of DS.

| QNS.SN | Description of Questions | Answer |
|--------|---|--------------------------|
| 1. | In distributed system each processor has its own | |
| | a) local memory | both local memory |
| | b) clock | and clock |
| | c) both local memory and clock | |
| | d) none of the mentioned | |
| 2. | If one site fails in distributed system | |
| | a) the remaining sites can continue operating | |
| | b) all the sites will stop working | the remaining sites |
| | c) directly connected sites will stop working | can continue |
| | d) none of the mentioned | operating |
| 3. | Network operating system runs on | |
| | a) server | |
| | b) every system in the network | |
| | c) both server and every system in the network | server |
| | d) none of the mentioned | |
| 4. | Which technique is based on compile-time program | |
| | transformation for accessing remote data in a distributed- | computation |
| | memory parallel system. | migration |
| | a) cache coherence scheme | |
| | b) computation migration | |
| | c) remote procedure call | |
| | d) message passing | |
| 5. | Logical extension of computation migration is | |
| | a) process migration | |
| | b) system migration | process migration |
| | c) thread migration | |
| | d) data migration | |
| 6. | Processes on the remote systems are identified by | |
| | a) host ID b) host name and identifier | host name and |
| | b) host name and identifier | host name and identifier |
| | c) identifier d) process ID | idelitiller |
| 7. | / I | all of the mentioned |
| /. | Which routing technique is used in distributed system? a) fixed routing | an or the mentioned |
| | | |
| | b) virtual routing c) dynamic routing | |
| | c) dynamic routing | |

| | d) all of the mentioned | |
|-----|--|--------------------|
| 8. | In distributed systems, link and site failure is detected by | |
| | a) polling | handshaking |
| | b) handshaking | |
| | c) token passing | |
| | d) none of the mentioned | |
| 9. | The capability of a system to adapt the increased service load | scalability |
| | is called | |
| | a) scalability | |
| | b) tolerance | |
| | c) capacity | |
| 10 | d) none of the mentioned | 1 |
| 10. | Internet provides for remote login. | http |
| | a) telnet | |
| | b) http | |
| | c) ftp d) RPC | |
| 11. | A system which is the result of interaction between | |
| 11. | computational processes and the physical world, s known as | |
| | companional processes and the physical world, s known as | |
| | A. Cyber-processing system | |
| | B. Controlled-processing system | Cyber-physical |
| | | system |
| | C. Controlled-physical system | System |
| | D. Cyber-physical system | |
| | | |
| 12. | A parallel computer is the computer system capable of | Parallel computing |
| 12. | 12 parametro amparetra and comparetra system capacito of | raranei computing |
| | A. Parallel computing | |
| | B. Centralized computing | |
| | C. Decentralized computing | |
| | | |
| | D. Distributed computing | |
| | | |
| 13. | The process of writing parallel programs is often referred to | Parallel |
| | as | |
| | | programming |
| | A. Parallel processes | |
| | B. Parallel development | |
| | C. Parallel programming | |
| | | |
| | D. Parallel computation | |
| | | |
| | | |

| 14. | Three-tier architecture simplifies application's | Deployment |
|-----|--|---------------------------------------|
| | A. Initiation | |
| | B. Implementation | |
| | C. Deployment | |
| | D. Maintenance | |
| | | |
| 15. | A dynamic connection that grows into dynamic networks of networks, is called | Internet of things |
| | A. Cyber cycle | |
| | B. Internet of things | |
| | C. Cyber-physical system | |
| | D. Multithreading | |
| | | |
| 16. | The ability of distributed systems to run well in HPC and | Flexibility |
| | HTC applications, is known to be its | |
| | A Efficiency | |
| | A. Efficiency B. Flexibility | |
| | C. Dependability | |
| | D. Adaptation | |
| | 2. Haupanion | |
| | | |
| 17. | Distributed systems can run well in application of | Both A and B |
| | A. HPC | |
| | B. HTC | |
| | C. HRC | |
| | D. Both A and B | |
| | | |
| 18. | The market-oriented high-end computing systems is derived | I I I I I I I I I I I I I I I I I I I |
| 10. | from a strategic change from an HPC to | HTC paradigm |
| | | |
| | A. HTC paradigm | |
| | B. SOA paradigm | |
| | C. MPP paradigm | |

| | D. Virtualization | |
|-----|---|--------------|
| | | |
| 19. | In many applications, HPC and HTC systems desire | Transparency |
| | A. Transparency | |
| | B. Dependency | |
| | C. Secretive | |
| | D. Adaptivity | |
| 20. | An architecture in which no special machines manage the | D D |
| 20. | network resources is known as | Peer-to-Peer |
| | A. Space based | |
| | B. Tightly coupled | |
| | C. Loosely coupled | |
| | D. Peer-to-Peer | |
| 21. | Distributed systems have significant characteristics of | 3 types |
| | A 2 tymes | |
| | A. 2 types B. 3 types | |
| | C. 4 types | |
| | D. 5 types | |
| | 2. 3 types | |
| 22. | Peer machines are built over | Many Client |
| | A. 1 Server machine | machines |
| | B. 1 Client machine | |
| | C. Many Client machines | |
| | D. Many Server machines | |
| | 2. Many 201101 machines | |
| 23. | The HTC applications are of type | Business |
| | A Engineering | |
| | A. Engineering B. Science | |
| | D. Science | |

| | C. Media mass | |
|-----|---|------------------|
| | | |
| | D. Business | |
| 24. | An architecture that creates virtualization of one single | Space based |
| | address space, is called | Space cases |
| | | |
| | A. Peer-to-Peer | |
| | B. Space based | |
| | C. Tightly coupled | |
| | D. Loosely coupled | |
| | | |
| 25. | In cloud computing we have an internet cloud of resources of | |
| 23. | the form | All of the Above |
| | the form | |
| | A. Centralized computing | |
| | B. Decentralized computing | |
| | C. Parallel computing | |
| | D. All of the Above | |
| | | |
| 2.5 | | |
| 26. | The transparency that enables multiple instances of resources | Replication |
| | to be used, is called | transparency |
| | A. Replication transparency | |
| | B. Scaling transparency | |
| | C. Concurrency transparency | |
| | D. Performance transparency | |
| | D. Terrormance transparency | |
| | | |
| 27. | A paradigm of multiple autonomous computers, having a | Distributed |
| | private memory, communicating through a computer | computing |
| | network, is known as | |
| | A. Distributed computing | |
| | B. Cloud computing | |
| | C. Centralized computing | |
| | D. Parallel computing | |
| | D. Taraner computing | |
| | | |
| | | |
| | | |

| 29. The type of architecture that is considered responsible for the success of Two-tier architecture Three-tier architecture n-tier architecture Peer-to-Peer architecture Peer-to-Peer architecture 30. A global system of interconnected computer networks is known as A. Ethernet B. Intranet C. Internet D. Ultra-net 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | 28. | Cloud computing and web service platforms are focused on applications like A. HPC B. HTC C. HCC D. HRC | НТС |
|---|-----|---|---------------------|
| success of Two-tier architecture Three-tier architecture n-tier architecture Peer-to-Peer architecture 30. A global system of interconnected computer networks is known as A. Ethernet B. Intranet C. Internet D. Ultra-net 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | | |
| Three-tier architecture n-tier architecture Peer-to-Peer architecture 30. A global system of interconnected computer networks is known as A. Ethernet B. Intranet C. Internet D. Ultra-net 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | 29. | | n-tier architecture |
| A. Ethernet B. Intranet C. Internet D. Ultra-net 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | Three-tier architecture n-tier architecture | |
| B. Intranet C. Internet D. Ultra-net 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | 30. | | Internet |
| C. Internet D. Ultra-net 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | A. Ethernet | |
| D. Ultra-net 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | | |
| 31. RPC connectors and message queues are mechanisms for Message passing Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | | |
| Message retrieving A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | D. Ultra-net | |
| A. Message passing B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | 31. | RPC connectors and message queues are mechanisms for | Message passing |
| B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | Message retrieving | |
| B. Message delivering C. Message Sync-ing 32. CPS stands for Cyber-physical | | A. Message passing | |
| 32. CPS stands for Cyber-physical | | | |
| e jour physical | | C. Message Sync-ing | |
| | 32. | CPS stands for | Cyber-physical |
| A. Cyber-physical system | | A. Cyber-physical system | system |
| B. | | | |
| C. | | | |
| D. Controlled-processing system | | D. Controlled-processing system | |

| 33. | Parallel computing is also known as | Parallel processing |
|-----|--|---------------------|
| | A. Parallel computation | |
| | B. Parallel processing | |
| | C. Parallel distribution | |
| | D. Parallel development | |
| | | |
| 34. | Grid and cloud platforms are regarded as | Utility service |
| | | providers |
| | A. Parallelized services | |
| | B. Innovative services | |
| | C. Utility service providers | |
| | D. Cyber services | |
| | | |
| 35. | The connections that grows exponentially into a new | Dynamic |
| | dynamic network of networks, is known as | |
| | A. Dynamic | |
| | B. Static | |
| | C. Transparent | |
| | D. Opaque | |
| | 2. Spuque | |
| 36. | In the grid computing model, convers or personal computers | |
| 30. | In the grid computing model, servers or personal computers run | Independently |
| | | |
| | A. Dependently | |
| | B. Independently | |
| | C. Concurrently | |
| | D. Horizontally | |
| | | |
| 37. | HTC stands for | High-throughput |
| | | computing |
| | A. High-turning computing | |
| | B. High-tabulation computing | |
| | C. High-technology computing | |
| | D. High-throughput computing | |
| | | |

| 38. | An architecture that move the client's query to a middle tier | |
|-----|--|-------------------------|
| 36. | so that stateless clients can be used is called | Three-tier architecture |
| | | dicintecture |
| | A. Peer-to-Peer architecture | |
| | B. Master/slave architectureC. Client/Server architecture | |
| | D. Three-tier architecture | |
| | D. Three-tier architecture | |
| 39. | One of the first uses of grid computing was the breaking of a | |
| 3). | One of the first uses of grid computing was the oreaking of a | Cryptographic code |
| | A. Critical computed code | |
| | B. Tabulated code | |
| | C. Cryptographic code | |
| | D. Decryptographic code | |
| | | |
| 40. | The speed of HPC systems has enhanced from Gflops to | Pflops |
| | A. Tflops | |
| | B. Pflops | |
| | C. Eflops | |
| | D. Mflops | |
| | | |
| 41. | All the resources are shared and integrated within one OS, in | SmallTalk |
| | the computing paradigm named | Smanrank |
| | | Centralized |
| | A. Distributed computing | computing |
| | B. Parallel computing | |
| | C. Cloud computing | |
| | D. Centralized computing | |
| 42. | In a distributed system, information is exchanged through | |
| 42. | in a distributed system, information is exchanged unfough | Message passing |
| | A. Memory sharing | |
| | B. Memory sharing | |

| | C. Message passing | |
|-----|---|---------------------|
| | D. Exceptions | |
| | B. Exceptions | |
| 43. | All the resources are tightly coupled in the computing | Centralized |
| | paradigm of | computing |
| | | |
| | A. Cloud computing | |
| | B. Centralized computing | |
| | C. Distributed computing | |
| | D. Parallel computing | |
| 44. | A set of highly integrated machines that run the same process | Tightly coupled |
| | in parallel is known to be | |
| | | |
| | A. Tightly coupled | |
| | B. Loosely coupled | |
| | C. Space based | |
| | D. Peer-to-Peer | |
| 45. | DLP stands for | Data-level |
| | | parallelism |
| | A. Data-level processing | |
| | B. Degree-level processing | |
| | C. Data-level parallelism | |
| | D. Degree-level parallelism | |
| 46. | Centralized computing covers many data centers and | Supercomputers |
| | Minicomputers | |
| | | |
| | A. Mainframe computers | |
| | B. Supercomputers | |
| | C. Microcomputers | |
| 47. | The primary goal for HTC paradigm is to provide | High-flux computing |
| | A. Low-flux computing | |
| | B. High-flux computing | |
| | | |
| | C. Computer utilities D. High ratio Identification | |
| | D. High ratio Identification | |
| L | l | l |

| 48. | To provide high-throughput service is the measures taken by | Dependability |
|-----|---|-----------------------|
| | A. Efficiency | |
| | B. Adaptation | |
| | C. Dependability | |
| | D. Flexibility | |
| 49. | A model in which components of a software system are shared among multiple computers is known as | Distributed computing |
| | A. Centralized computing | |
| | B. Parallel computing | |
| | C. Distributed computing | |
| | D. Decentralized computing | |
| 50. | The applications that run on any available servers in some edge networks are known to be | Distributed cloud |
| | A. Parallel cloud | |
| | B. Distributed cloud | |
| | C. Virtualized cloud | |
| | D. Centralized cloud | |
| 51. | Computer technology has gone through the development generations of | 5 |
| | A. 3 | |
| | B. 4 | |
| | C. 5 | |
| | D. 6 | |
| 52. | In an execution model, the utilization rate of resources is known to be its | Efficiency |
| | A. Efficiency | |
| | B. Dependability | |
| | C. Flexibility | |
| | D. Adaptation | |
| 53. | Providing Quality of Service (QoS) assurance, even under failure conditions, is the responsibility of | Dependability |

| | A. Adaptation | |
|-----|---|---------------|
| | B. Flexibility | |
| | C. Efficiency | |
| | D. Dependability | |
| 54. | Interprocessor communication takes place via | Both A and B |
| | interprocessor communication takes place via | Doui A and b |
| | A. Shared memory | |
| | B. Message passing | |
| | C. Centralized memory | |
| | D. Both A and B | |
| 55. | An architecture where clients first communicate the server | Client/Server |
| | for data then format and display it to the users, is known as | architecture |
| | A. Client/Server architecture | |
| | B. Three-tier architecture | |
| | C. Two-tier architecture | |
| | Peer-to-Peer architecture | |
| | | |
| 56. | Technologies like Peer-to-Peer leads to the development of | Both A and B |
| | A. Computational grids | |
| | B. Data grids | |
| | C. Norming grids | |
| | D. Both A and B | |
| 57. | The HPC applications are of type | Science |
| | | Science |
| | A. Science | |
| | B. Media mass | |
| | C. Business | |
| | D. Management | |
| 58. | A computing paradigm in which all computer resources are | Centralized |
| | centralized in one physical system is known to be | computing |
| | A. Centralized computing | |
| | B. Parallel computing | |
| | C. Distributed computing | |

| | D. Cloud computing | |
|-----|---|--------------------------|
| 59. | The transparency that enables accessing local and remote resources using identical operations is called | Access transparency |
| | A. Concurrency transparency | |
| | B. Access transparency | |
| | C. Performance transparency | |
| | D. Scaling transparency | |
| 60. | Peer-to-peer (P2P) networks are formed for | Distributed file sharing |
| | A. Manual file sharing | Sharing |
| | B. Distributed file sharing | |
| | C. Connected file sharing | |
| | D. Cloud file sharing | |
| 61. | Most of the web applications are of | |
| | A. Master/slave architecture | Three-tier |
| | B. Peer-to-Peer architecture | architecture |
| | C. Three-tier architecture | |
| | D. Client/Server architecture | |
| 62. | In a peer-to-peer architecture, peers can serve as | Both A and B |
| | A. Clients | |
| | B. Servers | |
| | C. Middle-system | |
| | D. Both A and B | |
| (2) | | |
| 63. | The processors are either loosely coupled with distributed memory or tightly coupled with centralized shared memory in the paradigm | Parallel computing |
| | A. Cloud computing | |
| | B. Distributed computing | |
| | C. Centralized computing | |

| | D. Parallel computing | |
|-----|--|----------------|
| 64. | The internet was introduced in | 1969 |
| | A. 1967 | |
| | B. 1968 | |
| | C. 1969 | |
| | D. 1970 | |
| 65. | The reliability and self-management from the chip to the system and application levels are the measures of | Dependability |
| | A. Dependability | |
| | B. Flexibility | |
| | C. Adaptation | |
| | D. Efficiency | |
| | | |
| 66. | Uni processor computing is known as | Centralized |
| | | computing |
| | A. Centralized computing | |
| | B. Parallel computing | |
| | C. Distributed computing | |
| | D. Grid computing | |
| 67. | A computing model of a distributed architecture of large numbers of computers connected to solve a complex problem is called | Grid computing |
| | A. Linear computing | |
| | B. Grid computing | |
| | C. Layout computing | |
| | D. Compound computing | |
| 68. | Utility computing focuses on a | Business model |
| | A. Business model | |
| | B. Scalable model | |
| | C. Cloud model | |
| | D. Data model | |

| 69. | A CPS merges the technologies of | 3C |
|-----|--|----------------------|
| | A. 2C | |
| | B. 3C | |
| | C. 4C | |
| | D. 5C | |
| | | |
| 70. | Distributed systems should? | have better resource |
| | high security | sharing |
| | have better resource sharing | |
| | better system utilization | |
| 7.1 | low system overhead | 1 1 () 1 (1) |
| 71. | An RPC (remote procedure call) is initiated by the: | both (a) and (b) |
| | server | |
| | client | |
| | both (a) and (b) | |
| 70 | neither (a) nor (b) | |
| 72. | What is not true about distributed system? | All processors are |
| | a) It is a collection of processorb) All processors are synchronized | synchronized |
| | c) They do not share memory | |
| | d) None of the mentioned | |
| 73. | What are characteristics of processor in distributed system? | They vary in size |
| | a) They vary in size and function | and function |
| | b) They are same in size and function | and function |
| | c) They are manufactured with single purpose | |
| | d) They are real-time devices | |
| 74. | What are characteristics of distributed file system? | Its users, servers |
| | a) Its users, servers and storage devices are dispersed | and storage |
| | b) Service activity is not carried out across the | devices are |
| | network | dispersed |
| | c) They have single centralized data repository | |
| | d) There are multiple dependent storage devices | |
| 75. | What are types of distributed operating system? | Network |
| | a) Network Operating system | Operating system |
| | b) Zone based Operating system | |
| | c) Level based Operating system | |
| | d) All of the mentioned | |
| 76. | | Users are aware |
| | | |
| | | |
| | d) There are multiple dependent storage devices What are types of distributed operating system? a) Network Operating system b) Zone based Operating system c) Level based Operating system | Operating system |

| | b) There are trouver are the | |
|-----|--|--------------------|
| | b) They are transparent | |
| | c) They are simple to use | |
| 77 | d) All of the mentioned | |
| 77. | How are access to resources of various machines is | Remote logging |
| | done? | using ssh or |
| | a) Remote logging using ssh or telnet | telnet |
| | b) Zone are configured for automatic access | |
| | c) FTP is not used | |
| | d) All of the mentioned | |
| 78. | What are characteristics of Distributed Operating | Access is done |
| | system ? | like local |
| | a) Users are aware of multiplicity of machines | resources |
| | b) Access is done like local resources | |
| | c) Users are aware of multiplicity of machines | |
| | d) They have multiple zones to access files | |
| 79. | What are characteristics of data migration? | transfer data by |
| | a) transfer data by entire file or immediate portion | entire file or |
| | required | immediate |
| | b) transfer the computation rather than the data | portion required |
| | c) execute an entire process or parts of it at different | |
| | sites | |
| | d) none of the mentioned | |
| 80. | What are characteristics of computation migration? | transfer the |
| | a) transfer data by entire file or immediate portion | computation |
| | required | rather than the |
| | b) transfer the computation rather than the data | data |
| | c) execute an entire process or parts of it at different | Cutt |
| | sites | |
| | d) none of the mentioned | |
| 81. | What are characteristics of process migration? | execute an entire |
| | a) transfer data by entire file or immediate portion required | process or parts |
| | b) transfer the computation rather than the data | of it at different |
| | c) execute an entire process or parts of it at different sites | sites |
| | d) none of the mentioned | 51105 |
| 82. | What are characteristic of a DFS ? | Upgradation |
| | a) Fault tolerance | Sparadion |
| | b) Scaleability | |
| | c) Heterogeneity of the system | |
| | d) Upgradation | |

| 83. | What is networked virtual memory? a) Caching b) Segmentation c) RAM disk d) None of the mentioned What are the different ways in which clients and servers are d across machines? a) Servers may not run on dedicated machines b) Servers and clients can be on same machines c) Distribution cannot be interposed between a OS and the file d) OS cannot be distributed with the file system a part of that distribution | machines Computer | Architecture |
|-----|---|--------------------------|--------------|
| | | Computer | Organization |
| | | None of th | e above |
| 85. | What are not the characteristics of a DFS? a) login transparency and access transparency b) Files need not contain information about their physical location c) No Multiplicity of users d) No Multiplicity if files | No Multiplicity of users | |
| 86. | What are the different ways file accesses take place? a) sequential access b) direct access c) indexed sequential access d) all of the mentioned | all of the mentioned | |
| 87. | Which is not a major components of file system? a) Directory service b) Authorization service c) Shadow service d) System service | Shadow service | |
| 88. | What are the different ways mounting of file system? a) boot mounting b) auto mounting c) explicit mounting d) all of the mentioned | all of the mentioned | |

| 89. | What is the advantage of caching in remote file access? a) Reduced network traffic by retaining recently accessed disk blocks b) Faster network access c) Copies of data creates backup automatically d) None of the mentioned | Reduced network traffic by retaining recently accessed disk blocks |
|-----|--|--|
| 90. | What is networked virtual memory? a) Caching b) Segmentation c) RAM disk d) None of the mentioned | Caching |
| 91. | What are the characteristics of Unix semantics? a) Easy to implement in a single processor system b) Data cached on a per process basis using write through case control c) Write-back enhances access performance d) All of the mentioned | All of the mentioned |
| 92. | What are the characteristics of transaction semantics? a) Suitable for applications that are concerned about coherence of data b) The users of this model are interested in the atomicity property for their transaction c) Easy to implement in a single processor system d) Write-back enhances access performance. | The users of this model are interested in the atomicity property for their transaction |
| 93. | What are non characteristics of session semantics? a) Each client obtains a working copy from the server b) When file is closed, the modified file is copied to the file server c) The burden of coordinating file sharing is ignored by the system d) Easy to implement in a single processor system | All of the mentioned |
| 94. | of the distributed file system are dispersed among various machines of distributed system. a) Clients b) Servers c) Storage devices d) All of the mentioned | All of the mentioned |
| 95. | is not possible in distributed file system. a) File replication b) Migration c) Client interface | Migration |

| | d) Remote access | |
|------|---|---|
| 96. | Which one of the following hides the location where in the network the file is stored? a) transparent distributed file system b) hidden distributed file system c) escaped distribution file system d) spy distributed file system | transparent distributed file system |
| 97. | In distributed file system, when a file's physical storage location changes a) file name need to be changed b) file name need not to be changed c) file's host name need to be changed d) file's local name need to be changed | file name need not to be changed |
| 98. | In distributed file system, is mapping between logical and physical objects. a) client interfacing b) naming c) migration d) hetrogeneity | naming |
| 99. | In distributed file system, a file is uniquely identified by a) host name b) local name c) the combination of host name and local name d) none of the mentioned | the combination of host name and local name |
| 100. | There is no need to establish and terminate a connection through open and close operation in a) stateless file service b) stateful file service c) both stateless and stateful file service d) none of the mentioned | stateless file service |
| 101. | In distributed file system, file name does not reveal the file's a) local name b) physical storage location c) both local name and physical storage location d) none of the mentioned | physical storage location |
| 102. | Which one of the following is a distributed file system? a) andrew file system b) network file system c) novel network | all of the mentioned |

| | d) all of the mentioned | |
|------|--|---|
| 103. | What are the parts of global unique identifier? a) Local unique time stamp b) Remote time stamp c) Clock number d) All of the mentioned | Local unique time stamp |
| 104. | Which are the two complementary deadlock-prevention schemes using time stamps? a) The wait-die & wound-wait scheme b) The wait-n-watch scheme c) The wound-wait scheme d) The wait-wound & wound-wait scheme | The wait-die & wound-wait scheme |
| 105. | In distributed systems, a logical clock is associated with a) each instruction b) each process c) each register d) none of the mentione | each process |
| 106. | If timestamps of two events are same, then the events are a) concurrent b) non-concurrent c) monotonic d) non-monotonic | concurrent |
| 107. | If a process is executing in its critical section a) any other process can also execute in its critical section b) no other process can execute in its critical section c) one more process can execute in its critical section d) none of the mentioned | no other process can execute in its critical section |
| 108. | A process can enter into its critical section a) anytime b) when it recieves a reply message from its parent process c) when it recieves a reply message from all other processes in the system d) none of the mentioned | it recieves a reply message from all other processes in the system |
| 109. | . For proper synchronization in distributed systems a) prevention from the deadlock is must b) prevention from the starvation is must c) prevention from the deadlock & starvation is must d) none of the mentioned | prevention from the deadlock & starvation is must |
| 110. | In the token passing approach of distributed systems, processes are organized in a ring structure | logically |

| | a) logicallyb) physicallyc) both logically and physicallyd) none of the mentioned | |
|------|--|---|
| 111. | In distributed systems, transaction coordinator a) starts the execution of transaction b) breaks the transaction into number of sub transactions c) coordinates the termination of the transaction d) all of the mentioned | all of the mentioned |
| 112. | In case of failure, a new transaction coordinator can be elected by a) bully algorithm b) ring algorithm c) both bully and ring algorithm d) none of the mentioned | both bully and ring algorithm |
| 113. | In distributed systems, election algorithms assumes that a) a unique priority number is associated with each active process in system b) there is no priority number associated with any process c) priority of the processes is not required d) none of the mentioned | an unique priority number is associated with each active process in system |
| 114. | According to the ring algorithm, links between processes are a) bidirectional b) unidirectional c) both bidirectional and unidirectional d) none of the mentioned | unidirectional |
| 115. | What things are transaction coordinator is responsible for ? a) Starting the execution of the transaction b) Breaking transaction into a number of sub transactions c) Coordinating the termination of the transaction d) All of the mentioned | All of the mentioned |
| 116. | Single coordinator approach has the following advantages: a) Simple implementation b) Simple deadlock handling c) bottleneck d) All of the mentioned | All of the mentioned |
| 117. | What are the parts of global unique identifier? | Local unique time |

| | a) Local unique time stamp | stomp |
|------|--|---------------------|
| | b) Remote time stamp | stamp |
| | c) Clock number | |
| | d) All of the mentioned | |
| 118. | Cloud computing offers a broader concept than | Utility computing |
| | A. Centralized computing | |
| | B. Utility computing | |
| | C. Decentralized computing | |
| | D. Parallel computing | |
| 110 | | |
| 119. | The transparency that allows movement of resources and clients within a system is called | Mobility |
| | | transparency |
| | A. Concurrency transparency | |
| | B. Performance transparency | |
| | C. Replication transparency | |
| | D. Mobility transparency | |
| | D. Woomty transparency | |
| | | |
| 120. | A distributed computer running a distributed program is | Distributed program |
| | known as | 1 8 |
| | A. Division of | |
| | A. Distributed process | |
| | B. Distributed application | |
| | C. Distributed computing | |
| | D. Distributed program | |
| | | |
| 121. | The market-oriented high-end computing systems is | HTC paradigm |
| | derived from a strategic change from an HPC to | TITC paracingin |
| | | |
| | A. HTC paradigm | |
| | B. SOA paradigm | |
| | C. MPP paradigm | |
| | D. Virtualization | |
| | | |
| 122. | In many applications, HPC and HTC systems desire | Transparency |
| | | |
| | A. Transparency | |

| | R Danandaney | |
|------|---|-----------------|
| | B. Dependency C. Secretive | |
| | | |
| | D. Adaptivity | |
| | | |
| 123. | An architecture in which no special machines manage the | Peer-to-Peer |
| | network resources is known as | |
| | A. Space based | |
| | • | |
| | B. Tightly coupled | |
| | C. Loosely coupled | |
| | D. Peer-to-Peer | |
| 124. | All the resources are shared and integrated within one OS, in | Centralized |
| | the computing paradigm named | computing |
| | | computing |
| | A. Distributed computing | |
| | B. Parallel computing | |
| | C. Cloud computing | |
| | D. Centralized computing | |
| 125. | In a distributed system, information is exchanged through | |
| 125. | Memory sharing; Memory sharing; Message passing; | Message passing |
| | Exceptions | |
| 10.5 | | |
| 126. | All the resources are tightly coupled in the computing | Centralized |
| | paradigm of | computing |
| | A. Cloud computing | |
| | B. Centralized computing | |
| | C. Distributed computing | |
| | D. Parallel computing | |
| | D. Taraner computing | |
| 127. | A set of highly integrated machines that run the same process | Tightly coupled |
| | in parallel is known to be | 6 - 7 r |
| | A. Tinkthy agual d | |
| | A. Tightly coupled | |
| | B. Loosely coupled | |
| | C. Space based | |
| | D. Peer-to-Peer | |
| | | |

| 128. | Three-tier architecture simplifies application's | Deployment |
|------|--|--------------------|
| | A. Initiation | |
| | B. Implementation | |
| | C. Deployment | |
| | D. Maintenance | |
| 129. | A dynamic connection that grows into dynamic networks of networks, is called | Internet of things |
| | A. Cyber cycle | |
| | B. Internet of things | |
| | C. Cyber-physical system | |
| | D. Multithreading | |
| 130. | A global system of interconnected computer networks is known as | Internet |
| | A. Ethernet | |
| | B. Intranet | |
| | C. Internet | |
| | D. Ultra-net | |
| | | |

DS MCQ 2018
Developed by Dr PL Pradhan PL,
IT Dept, TGPCET, NAGPUR, INDIA
Subject Teacher of DS.