

16/2019

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Statue of unity situated at :
(A) Gujarath (B) Delhi
(C) Punjab (D) Calcutta
2. First Eye Donation Village in Kerala :
(A) Pampady (B) Amballur
(C) Cherukulathur (D) Poopara
3. Which city named as City of Wind?
(A) London (B) Lisbon
(C) Chicago (D) Rome
4. Who was the organiser of Desa Sevaika Sangh in Travancore?
(A) Arya Pallam (B) A.V. Kuttimalu Amma
(C) Mary Poonam Lukose (D) Accamma Cheriyan
5. Rajatarangini, written by the Kalhana describes the history of :
(A) Malwa (B) Punjab
(C) Kashmir (D) Rajasthan
6. The constitution of India came in to effect from :
(A) 01 January 1950 (B) 26 January 1950
(C) 15 August 1947 (D) 16 August 1947
7. The Preamble of the Indian Constitution was for the first time amended by the :
(A) 41 Amendment (B) 42 Amendments
(C) 43 Amendments (D) 44 Amendment
8. Which of the following is not a Fundamental Rights?
(A) Right against exploitation (B) Right to liberty
(C) Right to equality (D) Right to property

9. What is the fees to be paid along with the application for getting information under RTI Act?
(A) Rs. 10 (B) Rs. 20
(C) Rs. 50 (D) Rs. 100
10. Who was the first Foreign Minister of free India?
(A) Jawaharlal Nehru (B) Lal Bahadur Sastri
(C) Gulsari Lal Nanda (D) I.K. Gujaral
11. ————— set up printing press at Cochin and Vaipicotta.
(A) English (B) French
(C) Portuguese (D) Dutch
12. Nivarthana movement was started as a protest against the constitutional reforms of :
(A) Reforms of 1919 (B) Reforms of 1932
(C) Reforms of 1935 (D) Reforms of 1946
13. Who was the founder of Atma Vida Sangham?
(A) Agamananda Swami (B) Brahmananda Sivayogi
(C) Vaikunta Swami (D) Vagbhatananda Swami
14. The first temple consecrated by Sri Narayana Guru in :
(A) Aruvipuram (B) Varkkala
(C) Sivagiri (D) Kollam
15. Dalawa Kulam is associated with which historical incident of Kerala?
(A) Salt Satyagraha (B) Khilafat movement
(C) Kundara proclamation (D) Vaikom Satyagraha
16. Which one of the novels depicts jail life before Indian Independence?
(A) Agni kinavukal (B) Adikaram
(C) Mathilukal (D) Aarachaar
17. Who presided over the belgaum session of Indian national congress in 1924?
(A) Mottilal Nehru (B) Mahatma Gandhi
(C) Jawaharlal Nehru (D) Sarojini Naidu
18. Beti Bachao Beti Padhao programme was launched at Panipat on :
(A) 15 August 2014 (B) 26 August 2015
(C) 22 January 2015 (D) 10 December 2015

19. Kyoto protocol is related to :
(A) Ozone depletion (B) Climate change
(C) Water pollution (D) Nuclear energy
20. Lionel Messi represents which country in international Foot ball ?
(A) Argentina (B) Portugal
(C) Brazil (D) Spain
21. Application layer provides basis for :
(A) Email services (B) Frame Division
(C) File Making (D) None of the above
22. UDP is _____ protocol.
(A) Connection oriented (B) Connectionless
(C) Neither (D) Both
23. Layer that are used to deal with mechanical and electrical specifications are :
(A) Data Link Layer (B) Network Layer
(C) Transport Layer (D) Physical Layer
24. If a hub fails in this type of network, the whole system will shut down :
(A) Tree (B) Star
(C) Mesh (D) Bus
25. Which of the following cloud concept is related to pooling and sharing of resources?
(A) Polymorphism (B) Abstraction
(C) Virtualization (D) None of Above
26. _____ is used for cache memory.
(A) DRAM (B) SRAM
(C) EPROM (D) Flash Memory
27. The highest data availability in which RAID level :
(A) RAID 1 (B) RAID 2
(C) RAID 4 (D) RAID 6
28. Which of the following is lowest in memory hierarchy?
(A) Cache memory (B) Secondary memory
(C) Registers (D) RAM

29. In DMA transfers, the required signals and addresses are given by the :
(A) Processor (B) Device Drivers
(C) DMA Controllers (D) The Program itself
30. The _____ unit is capable of mimicking the processor and indeed of taking over control of the system from the processor.
(A) Programmed I/O (B) Interrupt driven I/O
(C) Direct Memory Access (D) Virtual Memory Access
31. When displaying a web page, the application layer uses :
(A) HTTP Protocol (B) FTP Protocol
(C) SMTP Protocol (D) None of the Above
32. The transmission data rate is decided by which layer :
(A) Network layer (B) Physical layer
(C) Data link layer (D) Transport layer
33. The DMA Controller has _____ registers.
(A) 3 (B) 2
(C) 4 (D) 1
34. Control and Status Registers are used by the Processor to control :
(A) Design of the Processor (B) Execution of the Processor
(C) Speed of the Processor (D) Operation of the Processor
35. Which of the architecture is power efficient?
(A) ISA (B) RISC
(C) CISC (D) IANA
36. Which feature of cloud computing that allows the service to change in size or volume in order to meet a user's needs?
(A) Scalability (B) Virtualization
(C) Security (D) Cost savings
37. Which Register is used to store values of arithmetic and logical operations?
(A) Arithmetic Register (B) Accumulator
(C) Logical Register (D) Controller

38. _____ is not a true member of RAID family, because it does not include redundancy to improve performance.
- (A) RAID Level 0 (B) RAID Level 1
(C) RAID Level 2 (D) RAID Level 3
39. End to end connectivity is provided from host to host in _____ layer.
- (A) Physical layer (B) Data Link layer
(C) Transport layer (D) Network layer
40. Transport layer protocol deals with :
- (A) Application to application communication
(B) Process to process communication
(C) Node to node communication
(D) None of the above
41. Which type of e-commerce focuses on consumers dealing with each other?
- (A) B2B (B) B2C
(C) C2B (D) C2C
42. Which of the following was the first commercial Web browser?
- (A) Mosaic (B) Netscape Navigator
(C) Mozilla (D) Internet Explorer
43. KYC means :
- (A) Know your customer (B) Know your character
(C) Know your chance (D) None of the above
44. What is meant by Aadhaar seeding?
- (A) Linking of Aadhaar with Bank Account
(B) Duplicate issuance of Aadhaar
(C) Transfer of Aadhaar
(D) None of the above
45. Intellectual Property Rights (IPR) protect the use of information and ideas that are of :
- (A) Ethical Value (B) Moral Value
(C) Social Value (D) Commercial Value

46. Hall Mark is :
(A) Trademark (B) Certification Mark
(C) Collective Mark (D) Both (A) and (B)
47. Which type of firewall includes in a router to direct the flow of network traffic?
(A) Packet Filtering (B) IP Spoofing
(C) Circuit Level (D) Application Level
48. A firewall is used in a system connected to wide area network to :
(A) Prevent spread of fire in the network
(B) Prevent unauthorized access by hackers
(C) To scan for viruses in files
(D) To extinguish fire spreading via network cables
49. An encryption algorithm transforms plaintext into :
(A) Cipher text (B) Simple text
(C) Plain text (D) Empty text
50. The code segment that misuses its environment is called a :
(A) Internal thief (B) Code stacker
(C) Trojan horse (D) None of the above
51. Certification mark can be registered in :
(A) Trademark Registry (B) Certification Board
(C) Quality Control Board (D) MHRD
52. How many types of permissions a file has in UNIX?
(A) 1 (B) 2
(C) 3 (D) 4
53. Unique identification Authority of India (UIDAI) scheme was launched in the year :
(A) 2009 (B) 2011
(C) 2013 (D) 2015
54. UJALA scheme is related to :
(A) Solar Panel distribution (B) LED Bulbs distribution
(C) LPG Cylinder distribution (D) None of the above

55. Which one of the following is not an attack, but a search for vulnerabilities to attack?
- (A) Denial of service (B) Dumpster diving
(C) Memory access violation (D) Port scanning
56. What is a trap door in a program?
- (A) A security hole inserted at programming time in the system for later use
(B) A type of antivirus
(C) Security hole in a network
(D) None of the above
57. The DMA controller is connected to the :
- (A) Processor bus (B) System bus
(C) External bus (D) None of the above
58. Which mechanism is used by worm process?
- (A) Trap process (B) Fake process
(C) VAX process (D) Spawn process
59. Which of the following is used to provide a baseline measure for comparison of IDSs?
- (A) Crossover error rate
(B) False negative rate
(C) False positive rate
(D) Bit error rate
60. A method used by an IDS that involves checking for a pattern to identify unauthorized activity :
- (A) Session Splicing
(B) Protocol Decoding
(C) Pattern Matching
(D) State Table
61. The bar which displays information about the current page number is :
- (A) Title bar (B) Status bar
(C) Standard bar (D) Formatting bar

62. Home key uses for :
- (A) Moves the cursor beginning of the document
 - (B) Moves the cursor beginning of the paragraph
 - (C) Moves the cursor beginning of the screen
 - (D) Moves the cursor beginning of the line
63. Portrait and Landscape are :
- (A) Page Orientation
 - (B) Page Size
 - (C) Page Layout
 - (D) All of the above
64. Background color or effects applied on a document is not visible in :
- (A) Web Layout View
 - (B) Print Layout View
 - (C) Print Preview
 - (D) Reading View
65. Statistical calculations and preparation of tables and graphs can be done using :
- (A) Adobe Photoshop
 - (B) Excel
 - (C) Notepad
 - (D) Power Point
66. A subquery in an SQL SELECT statement is enclosed in :
- (A) braces -- {...}
 - (B) CAPITAL LETTERS
 - (C) parenthesis -- {...}
 - (D) brackets -- {...}
67. The SQL ALTER statement can be used to :
- (A) Change the table structure
 - (B) Change the table data
 - (C) Add rows to the table
 - (D) Delete rows from the table
68. What is the keyboard shortcut for creating a chart from the selected cell range?
- (A) F2
 - (B) F4
 - (C) F8
 - (D) F11
69. What shortcut key to enter current date in cell in excel?
- (A) Ctrl +;
 - (B) Alt +;
 - (C) Home +;
 - (D) Shift +;
70. Which Function is used to calculate Remainder in MS Excel?
- (A) INT ()
 - (B) FACT ()
 - (C) MOD ()
 - (D) DIV ()

71. Short cut “Ctrl + R” is used to :
- (A) Re-Open the last closed document
 - (B) Re-Print the last printed page
 - (C) Re-Apply the paragraph formatting
 - (D) Right align the selected paragraph
72. Which one of the following sorts rows in SQL?
- (A) SORT BY
 - (B) ORDER BY
 - (C) ALIGN BY
 - (D) GROUP BY
73. Tables in second normal form (2NF) :
- (A) Eliminate all hidden dependencies
 - (B) Eliminate the possibility of a insertion anomalies
 - (C) Have a composite key
 - (D) Have all non key fields depend on the whole primary key
74. How to select all data from student table starting the name with letter ‘R’?
- (A) SELECT * FROM student WHERE name LIKE ‘R%’;
 - (B) SELECT * FROM student WHERE name LIKE ‘%R’;
 - (C) SELECT * FROM student WHERE name LIKE ‘R%_’;
 - (D) SELECT * FROM student WHERE name LIKE ‘_R%’;
75. You can detect spelling and grammar errors by :
- (A) Press Shift + F7
 - (B) Press F7
 - (C) Press Ctrl + F7
 - (D) Press Alt + F7
76. Functional Dependencies are the types of constraints that are based on :
- (A) Superset key
 - (B) Key revisited
 - (C) Key
 - (D) None of the above
77. The full form of OLAP is :
- (A) Online Analytical Processing
 - (B) Online Advanced Processing
 - (C) Online Advanced Preparation
 - (D) Online Analytical Performance

78. Which SELECT statement will the result 'ello world' from the string 'Hello World'?
- (A) SELECT INITCAP (TRIM ('Hello World',1,1) FROM dual;
 - (B) SELECT LOWER (SUBSTR ('Hello World',1,1) FROM dual;
 - (C) SELECT LOWER (SUBSTR ('Hello World',2,1) FROM dual;
 - (D) SELECT LOWER (TRIM ('H' FROM 'Hello World')) FROM dual;
79. The DROP TABLE statement :
- (A) Deletes the table structure only
 - (B) Deletes the table structure along with the table data
 - (C) Works whether or not referential Integrity constraints would be violated
 - (D) Is not an SQL statement
80. "Ctrl + W" is used to :
- (A) Save and Close Document
 - (B) Save and Print the Document
 - (C) Save and Close Word Application
 - (D) Without Save, Close Document
81. IPv6 addressed have a size of :
- (A) 32 bits
 - (B) 64 bits
 - (C) 128 bits
 - (D) 256 bits
82. _____ to transmit information on the World Wide Web.
- (A) TPPH
 - (B) HTTP
 - (C) HTML
 - (D) HTPT
83. Each IP packet must contain :
- (A) Source and destination address
 - (B) Source or destination address
 - (C) Only destination address
 - (D) Only source address
84. MIME stands for :
- (A) Multipurpose Internet Mail Extra
 - (B) Multipurpose Internet Mail End
 - (C) Multipurpose Internet Mail Email
 - (D) Multipurpose Internet Mail Extensions

85. Which of the following is the first web browser?
(A) Netscape Navigator (B) Nexus
(C) Internet Explorer (D) Mosaic
86. Who created the first web browser?
(A) Tim Berners Lee (B) Jacobs Lan
(C) Marc Andreessen (D) Mozilla foundation
87. The delay that occur during the playback of a stream is called :
(A) Stream delay (B) Playback delay
(C) Jitter (D) Event delay
88. An applet is a program written in Java on the :
(A) Web (B) Server
(C) Domain (D) Client
89. The _____ tag defines an Image in an HTML page.
(A) <image> (B) <pic>
(C) <imge> (D)
90. Software mistakes during coding are known as :
(A) Errors (B) Failures
(C) Bugs (D) Defects
91. Cyclomatic Complexity method comes under which testing method :
(A) Yellow box (B) White box
(C) Gray box (D) Black box
92. Which of the following is / are not a verification activity?
(A) Inspection (B) Technical Review
(C) Walkthrough (D) Testing
93. Verification and Validation uses :
(A) Internal and External resources respectively
(B) Internal resources only
(C) External resources only
(D) External and Internal resources respectively

94. What is the order of Priority Testing?
- (A) Unit >> Integration >> System Testing
 - (B) Unit >> System >> Acceptance Testing
 - (C) System>> Integration >> Acceptance Testing
 - (D) System >> Acceptance >> Integration
95. Validation is the responsibility of :
- (A) Developer
 - (B) Designer
 - (C) Tester
 - (D) QA Team
96. Choose the correct HTML tag to make the text bold :
- (A)
 - (B) <BOLD>
 - (C)
 - (D) Both (A) and (C)
97. For using subscription web documents which tag is used?
- (A)
 - (B)
 - (C) <subscript></ subscript>
 - (D) <superscript></superscript >
98. A web address is also called a :
- (A) URL
 - (B) ULR
 - (C) RLU
 - (D) LUR
99. Internet uses :
- (A) Circuit switching
 - (B) Telephone switching
 - (C) Telex switching
 - (D) Packet switching
100. Which of the following is used to read a HTML page and render it?
- (A) Web matrix
 - (B) Web server
 - (C) Web browser
 - (D) None of the mentioned

SPACE FOR ROUGH WORK

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