

Lecturer Computer Science

SOLVED PAPER 2022

With complete Statements & Options

Md.Waseem Altaf

Lecturer Computer Science



PPSC Lecturer Computer Science Solved Paper June 2022

1. Which of the following is not true about EEPROM?

- A. Read Only Memory
- B. Non-Volatile Memory
- C. Electrically Erasable Programmable Memory
- D. Sequential Access Memory?

Answer: D

2. Which of the following activity is not the part of project planning?

- A. Project estimation
- B. project scheduling
- C. project monitoring
- D. risk management

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

3. Symmetric-key cryptography started thousands of years ago when people needed to exchange

- A. Files
- B. Packets
- C. Secrets
- D. Transmission

Answer: C

4. Weak entity set is represented as

- a) Underline
- b) Double line
- c) Double diamond
- d) Double rectangle

Answer: D



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

5. The HTTP request message is sent in _____ part of three-way handshake.

- a) 5 First
- b) Second
- c) Third
- d) Fourth

Answer: C

6. The photonic layer of the SONET is similar to the _____ of OSI model.

- a) network layer
- b) data link layer
- c) physical layer
- d) transport layer

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

7. Cascading termination refers to termination of all child processes if the parent process terminates _____

- a) Normally
- b) Abnormally
- c) Normally or abnormally
- d) None of the mentioned

Answer: C

8. The FCFS algorithm is particularly troublesome for _____

- a) time sharing systems
- b) multiprogramming systems
- c) multiprocessor systems
- d) operating systems

Answer: A



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

ilmGah You Tube

Channel



Like

ilmgahofficial

PPSC Lecturer Computer Science Solved Paper June 2022

9. The technique in which a congested node stops receiving data from the immediate upstream node or nodes is called as _____

- a) Admission policy
- b) Backpressure
- c) Forward signaling
- d) Backward signaling

Answer: B

10. A compiler can check?

- a) Logical Error
- b) Syntax Error
- c) Both Logical and Syntax Error
- d) Not Logical and Syntax Error

Answer: B



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

11. Which of the following is not a type of user interface?

- A. Command language based
- B. Menu based
- C. Efficiency based
- D. Direct manipulation based

Answer: C

12. 2 binary terms x, y with AND operation give four possible combinations, representing these 4 terms in distinct areas in Venn Diagram is called

- A. Maxterms & Standard Sum
- B. Unprimed
- C. Minterm & Standard Product
- D. None Of these

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

13. Time Complexity of Breadth First Search is? (V – number of vertices, E – number of edges)

- a) $O(V + E)$
- b) $O(V)$
- c) $O(E)$
- d) $O(V * E)$

Answer: A

14. Which of the following is NOT a basic element of all versions of the E-R model?

- A. Entities
- B. Attributes
- C. Relationships
- D. Primary Key

Answer: D



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

15. Which of the following machine requires input from the humans but can interpret the outputs themselves?

- a) Actuators
- b) Sensor
- c) Agents
- d) AI system

Answer: D

16. Which of the items listed below is not one of the software engineering layers?

- a. Process
- b. Manufacturing
- c. Methods
- d. Tools

Answer: B



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

17. Consider the following Statement:

"The data set will contain an end of file character." What characteristic of SRS is being depicted here?

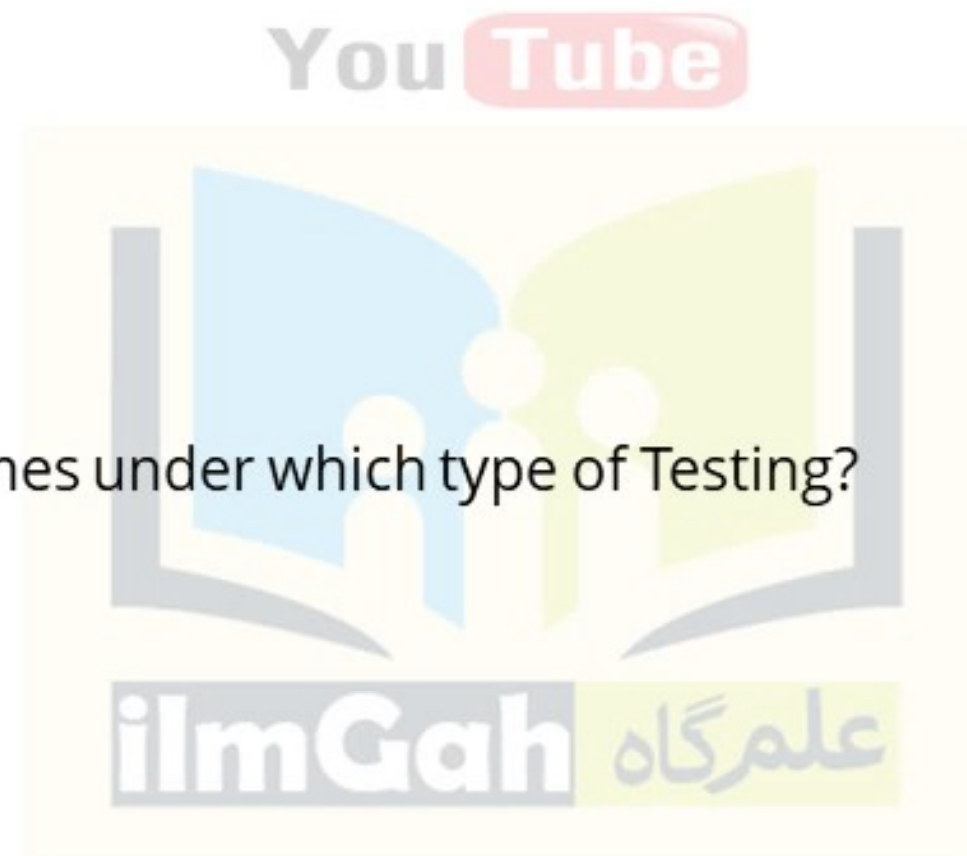
- A. Consistent
- B. Non-verifiable
- C. Correct
- D. Ambiguous

Answer: B

18. Equivalence Partitioning comes under which type of Testing?

- a. White Box Testing
- b. Black Box Testing
- c. Unit Testing
- d. None of the above

Answer: B



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

19. Which layer is responsible for process-to-process delivery?

- A. Physical
- B. Network
- C. Transport
- D. Data Link

Answer: C

20. Every grammar in Chomsky Normal Form is:

- a) regular
- b) context sensitive
- c) context free
- d) all of the mentioned

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

21. Vigenere cipher is an example of _____

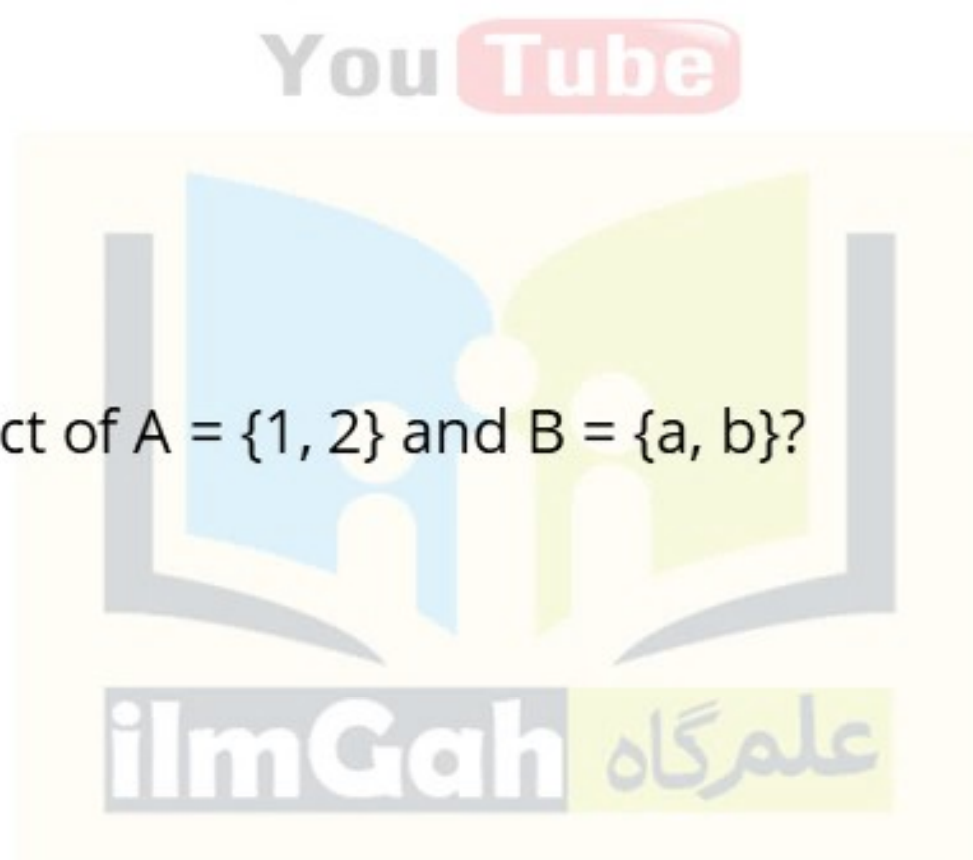
- a) mono-alphabetic cipher
- b) poly-alphabetic cipher
- c) transposition cipher
- d) additive cipher

Answer: B

22. What is the Cartesian product of $A = \{1, 2\}$ and $B = \{a, b\}$?

- a) $\{(1, a), (1, b), (2, a), (b, b)\}$
- b) $\{(1, 1), (2, 2), (a, a), (b, b)\}$
- c) $\{(1, a), (2, a), (1, b), (2, b)\}$
- d) $\{(1, 1), (a, a), (2, a), (1, b)\}$

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

23.The programming language designed for military applications was ...

- a) Ada
- b) C++
- c) C#
- d) VISUAL BASIC

Answer: A

24.We have to measure the number of newborns; the final result of total newborns can be considered as the _____

- A. Features
- B. Observation
- C. Attribute
- D. Outcome

Answer: D



By:Md.Waseem Altaf Computer Instructor(BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

25. What is the cardinality of the set of odd positive integers less than 10?

- a) 10
- b) 5
- c) 3
- d) 20

Answer: B

26. The members of the set $S = \{x \mid x \text{ is the square of an integer and } x < 100\}$ is _____

- a) $\{0, 2, 4, 5, 9, 58, 49, 56, 99, 12\}$
- b) $\{0, 1, 4, 9, 16, 25, 36, 49, 64, 81\}$
- c) $\{1, 4, 9, 16, 25, 36, 64, 81, 85, 99\}$
- d) $\{0, 1, 4, 9, 16, 25, 36, 49, 64, 121\}$

Answer: B

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

27. Which of the following is an iterative method?

- a) Gauss Seidel
- b) Gauss Jordan
- c) Factorization
- d) Gauss Elimination

Answer: B

28. Which of the following is a system program that integrates a program's individually compiled modules into a form that can be executed?

- a) Interpreter
- b) Assembler
- c) Compiler
- d) Linking Loader

Answer: D



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

29. Interprocess Communication is done through

- A. Message Passing
- B. Share Memory
- C. Both A&B
- D. None of these

Answer: C

30. The truth table for an S-R flip-flop has how many VALID entries?

- a) 1
- b) 2
- c) 3
- d) 4

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

31. A Clock controlled memory device is

- a) Latch
- b) Flip Flop
- c) Option 3
- d) Option 4

Answer: B

32. A computer modem's rating of 56K refers to its

- A. memory size
- B. transmission speed
- C. Modem size
- D. transmission capacity

Answer: B



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

33. The automaton which allows transformation to a new state without consuming any input symbols:

- a) NFA
- b) DFA
- c) NFA-ε
- d) All of the mentioned

Answer: C

34. Which type of members can't be accessed in derived classes of a base class?

- a) Protected
- b) Private
- c) Public
- d) All can be accessed

Answer: B



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

35. Which of the following is not the utility of DBMS?

i) Backup ii) Loading iii) Process Organization iv) File organization

a) i, ii, and iv only

b) i, ii and iii only

c) i, iii and iv only

d) All i, ii, iii, and iv

Answer: A

36. Clustered systems have _____ CPUs.

a. zero

b. one

c. two

d. multiple

Answer: D



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

37. The pipelining process is also called as _____

- a) Superscalar operation
- b) Assembly line operation
- c) Von Neumann cycle
- d) None of the mentioned

Answer: B

38. Which of these are not among the eight principles followed by Software Engineering Code of Ethics and Professional Practice?

- a) PUBLIC
- b) PROFESSION
- c) PRODUCT
- d) ENVIRONMENT

Answer: D



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

39. Which is NOT a predefined target for links?

- a) _son
- b) _parent
- c) _blank
- d) None of these

Answer: A

40. Which command is used to set terminal IO characteristic?

- a) tty
- b) ctty
- c) ptty
- d) stty

Answer: D



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

41. Suppose two IPv6 nodes want to interoperate using IPv6 datagrams, but they are connected to each other by intervening IPv4 routers. The best solution here is _____

- a) Virtual Lan
- b) Tunneling
- c) No solution
- d) Replace the system

Answer: B

42. Which of the following is not a web scripting language

- a) ASP
- b) DSP
- c) JSP
- d) PHP

Answer: B



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

43. The Minimum number of stacks required to implement a stack is:

- a) 1
- b) 2
- c) 5
- d) None of these

Answer: A

44. Which among the following can show polymorphism?

- a) Overloading ||
- b) Overloading +=
- c) Overloading <<
- d) Overloading &&

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

45. Which of the following is NOT a valid reason for running under-utilized services?

- A. The network has the bandwidth to handle the services
- B. I want to provide my user base with locally managed services
- C. I am curious about some of the services
- D. I want to minimize requests from users to administrators

Answer: D

46. What is the size of an integrated chip

- A. $\frac{1}{4}$ square inch
- B. $\frac{1}{2}$ Square inch
- C. $\frac{1}{8}$ square inch
- D. None of these

Answer: A



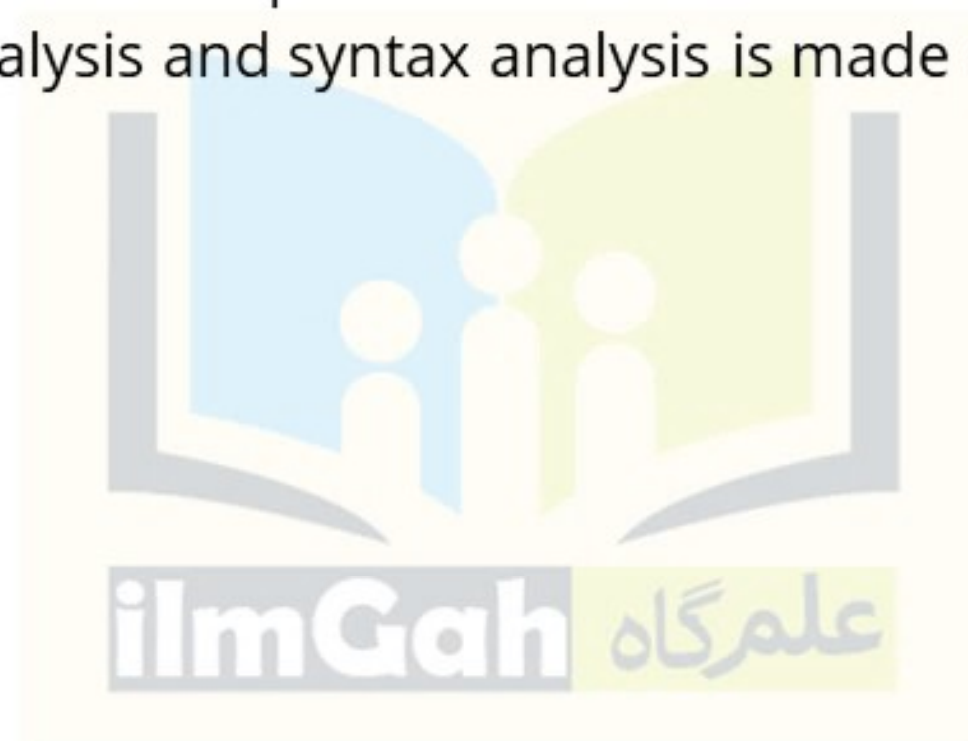
By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

47. Why Generation of intermediate code based on an abstract machine model is useful in compilers?

- a) Writing for intermediate code generation
- b) Portability of the front end of the compiler
- c) Implementation of lexical analysis and syntax analysis is made easier
- d) All of the mentioned

Answer: C



By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

48. Single User Operating System: **MS DOS**

49. Which of the following section does not exist in a slide layout : **Animation**

50. What is used in pencils: **Graphite**

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

51. Female Dengue Mosquito: **Aedes aegypti**

52. Grand Jamia Mosque in Karachi is completed in which year: **2021**

53. Author of "War and Peace": **Leo Tolstoy**

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

54. Direct Indirect: **He said that king was coming then**

You Tube

55. Something: Somebody, Nothing: **Nobody**

56. Imperative verb: **Order or Command**

ilmGah علمگاہ

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

ilmGah You Tube Channel

Like ilmgahofficial

PPSC Lecturer Computer Science Solved Paper June 2022

57. No lady is in the committee: **None of these**

58. Color of sky if seen from another planet:
Black(Need verification)

59. Average Sugar Consumption per capita in
Pakistan: **25 KG**

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

ilmGah  Channel



Like

ilmgahofficial

PPSC Lecturer Computer Science Solved Paper June 2022

60. "Budget of poor's" was presented by: **Liaqat Ali Khan**

61. Catharine Place is situated in: **Sent Peterburg**

62. LCD Monitor selling answer was: **0.5**

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

63. Age of B answer was: **28**

64. Nehru Report was presented by: **Jawahar Nehru(Need Confirmation)**

65. Tirch Mir in which range: **Koh Hindukush**

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

66

قاضی کے گھر کے ---- بھی سیانے: چوہے



67 محور کامتر ادف: گھرا ہوا

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

ilmGah YouTube

Channel

Like

ilmgahofficial

Hints of some questions

You Tube

68.True about Firewall

69.How to write Primary Key in Modeling something like this

70.Referential Integrity Definition

71.To find Inverse of given matrix

72.Formative Assessment, Summative assessment

ilmGah علمگاہ

By:Md.Waseem Altaf Computer Instructor(BS-17) PSED

PPSC Lecturer Computer Science Solved Paper June 2022

Hints of some questions

You Tube

73. Boolean Functions AND OR XOR etc.

74. Boolean Logics can be presented by

75. Cattle created by : Programmatically or by tools something

76. HCI is field like this

77. STL analysis large small something

ilmGah علمگاہ

By: Md. Waseem Altaf Computer Instructor (BS-17) PSED

ilmGah You Tube

Channel



Like

ilmgahofficial

PPSC Lecturer Computer Science Solved Paper June 2022

Hints of some questions

78.No loop state in finite automata 

79.Relational algebra definition

80.DBMS manipulated by manager user

81.Planar Graph $e \leq n$ $e \leq 2n$ etc.

82. Re-installing a software

83. You are modeling data of an organization

By:Md.Waseem Altaf Computer Instructor(BS-17) PSED

ilmGah 

Channel

 Like

ilmgahofficial