

# **System Analyst Interview Questions And Answers Guide.**



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## System Analyst Job Interview Preparation Guide.

### Question # 1

Tell me what experience you have with hardware and software?

#### Answer:-

Generally speaking, system analysts provide tech-support for hardware and software or using hardware and software tools. Analysts install and maintain, as well as do research on hardware and software in order to optimize performance. They also provide specifics about the types of hardware and software they have actually worked with and in what context.

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### Question # 2

Tell me what experience do you have with team work?

#### Answer:-

The job of a system analyst often requires communicating with relevant staff to coordinate information and operation in order to optimize the system at all levels, in all departments. Effective team communication is vital.

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### Question # 3

Define characteristics should a system analyst possess to be good at his job?

#### Answer:-

System analysts are technical experts and outstanding analytical thinkers. They are highly organized and knowledgeable about many different types of technological systems. They are also able to adapt to the various unique technological conditions which each new company brings. They possess reasonable communication skills and are able to prepare effective reports, flowcharts, and diagrams.

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### Question # 4

System Study involves:

- A. study of an existing system
- B. documenting the existing system.
- C. identifying current deficiencies and establishing new goals
- D. All of the above

#### Answer:-

D. All of the above

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### Question # 5

The primary tool used in structured design is a:

- A. structure chart
- B. data-flow diagram
- C. program flowchart
- D. module

#### Answer:-

A. structure chart

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### Question # 6

In a \_\_\_\_\_ one module of the new information system is activates at a time.

- A. System Development Life Cycle
- B. CASE tool
- C. Phased Conversion



D. Success factors

**Answer:-**

C. Phased Conversion

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**Question # 7**

In Prototyping:

A. BASIC is used

B. COBOL is used

C. 4GLs are used

D. system is documented

E. None of the above

**Answer:-**

C. 4GLs are used

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**Question # 8**

The step-by-step instructions that solve a problem are called \_\_\_\_\_.

A. An algorithm

B. A list

C. A plan

D. A sequential structure

**Answer:-**

A. An algorithm

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**Question # 9**

The approach used in top-down analysis and design is:

A. to identify the top level functions by combining many smaller components into a single entity

B. to prepare flow charts after programming has been completed

C. to identify a top level function and then create a hierarchy of lower-level modules and components.

D. All of the above

**Answer:-**

C. to identify a top level function and then create a hierarchy of lower-level modules and components.

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**Question # 10**

Which of the following is not a factor in the failure of the systems developments projects?

A. size of the company

B. inadequate user involvement

C. failure of systems integration

D. continuation of a project that should have been cancelled

**Answer:-**

A. size of the company

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**Question # 11**

A Ring, refers to a record chain, the last of which refers to the first record, in the chain, is called a/an:

A. addressing

B. location

C. pointer

D. loop

**Answer:-**

C. pointer

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**Question # 12**

The primary tool used in structured design is a:

A. data-flow diagram

B. module

C. structure chart

D. program flowchart

**Answer:-**

C. structure chart

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**Question # 13**



A problem's \_\_\_\_\_ will answer the question, What information will the computer need to know in order to either print or display the output times?

- A. Input
- B. Output
- C. Processing
- D. Purpose

**Answer:-**

- A. Input

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### Question # 14

Which of the following statements, is (are) not true for the lease option:

- A. Lease charges are lower than rental charges for the same period and are also tax deductible.
- B. Lease may be written to show higher payments in early years to reflect the decline in value of the system
- C. Insurance, maintenance and other expenses are included in the rental charge
- D. All of the above
- E. None of the above

**Answer:-**

- C. Insurance, maintenance and other expenses are included in the rental charge

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### Question # 15

The two classifications of inputs are:

- A. energies and maintenance
- B. maintenance and waste
- C. maintenance and signal
- D. products and waste
- E. None of the above

**Answer:-**

- C. maintenance and signal

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### Question # 16

Documentation is prepared:

- A. at every stage
- B. at system design
- C. at system analysis
- D. at system development
- E. None of the above

**Answer:-**

- A. at every stage

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### Question # 17

System Implementation Phase entails:

- A. System check outs
- B. Pilot run
- C. Parallel runs
- D. All of the above
- E. None of the above

**Answer:-**

- A. System check outs

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### Question # 18

Which of the following is not true of the conversion phase of the development life cycle?

- A. the user and systems personnel must work closely together.
- B. steps must be taken to phase out the old system
- C. documentation should be emphasized
- D. the non machine components of the system should be considered
- E. None of the above

**Answer:-**

- C. documentation should be emphasized

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### Question # 19

Managers who are potential users of the MIS:

- A. select the optimum equipment configurations
- B. evaluate alternate equipment configurations
- C. describe information needs



- D. All of the above
- E. None of the above

**Answer:-**

- E. None of the above

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### Question # 20

Positive testing is:

- A. running the system with live data by the actual user
- B. making sure that the new programs do in fact process certain transactions according to Specifications
- C. is checking the logic of one or more programs in the candidate system
- D. testing changes made in an existing or a new program
- E. None of the above

**Answer:-**

- B. making sure that the new programs do in fact process certain transactions according to Specifications

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### Question # 21

Data Definition Language (DDL):

- A. describes how data are structured in the data base
- B. specifies for the DBMS what is required; the techniques used to process data
- C. determine how data must be structured to produce the user's view
- D. All of the above

**Answer:-**

- A. describes how data are structured in the data base

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### Question # 22

In phase I of the system development life cycle, which of the following aspects are usually analyzed?

- A. outputs
- B. input (transactions)
- C. controls
- D. All of the above
- E. None of the above

**Answer:-**

- D. All of the above

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### Question # 23

During the maintenance phase:

- A. System requirements are established
- B. System analysis is carried out
- C. Programs are tested
- D. All of the above
- E. None of the above

**Answer:-**

- E. None of the above

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### Question # 24

The mistake, committed by interchanging two digits in a numeric held, during data entry, is called:

- A. transposition error
- B. transcription error
- C. Beta testing error
- D. Alpha testing error
- E. None of the above

**Answer:-**

- A. transposition error

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### Question # 25

Problem analysis is done during:

- A. system design phase
- B. systems analysis phase
- C. before system test
- D. All of the above
- E. None of the above

**Answer:-**



B. systems analysis phase

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### Question # 26

Decision tree uses:

- A. pictorial depiction of alternate conditions
- B. nodes and branches
- C. consequences of various depicted alternates
- D. All of the above
- E. None of the above

**Answer:-**

- D. All of the above

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### Question # 27

Top-down programming is:

- A. a group of related fields
- B. a map of the programmer's view of the data
- C. an approach in which the top module is first tested then program modules are added from the highest level to the lowest level
- D. a series or group of components that perform one or more operations of a more complex system
- E. None of the above

**Answer:-**

- C. an approach in which the top module is first tested then program modules are added from the highest level to the lowest level

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### Question # 28

A decision table facilitates conditions to be related to:

- A. actions
- B. programs
- C. tables
- D. operation
- E. None of the above

**Answer:-**

- A. actions

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### Question # 29

On the feasibility committee, department representatives serve as:

- A. direct users of the new system
- B. liaison to their departments
- C. ready sources of information
- D. All of the above
- E. None of the above

**Answer:-**

- D. All of the above

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### Question # 30

A \_\_\_\_\_ is an outline of a process that keeps develop successful information systems:

- A. System Development Life Cycle
- B. CASE tool
- C. Phased Conversion
- D. Success Factors
- E. Move of the above

**Answer:-**

- A. System Development Life Cycle

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### Question # 31

A branch office, location or other data processing centers, where a newly developed system is used under normal operating conditions for several months, to test it, is called:

- A. beta test data
- B. alpha test data
- C. string test data
- D. system test data
- E. None of the above

**Answer:-**

- A. beta test data



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### Question # 32

An appraisal, of a system's performance after it has been installed, is called system:

- A. planning
- B. review
- C. maintenance
- D. batch Processing
- E. None of the above

**Answer:-**

- B. review

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### Question # 33

Elapsed time, between initiating a query and receiving a response is called:

- A. response time
- B. waiting time
- C. processing time
- D. Turnaround time
- E. None of the above

**Answer:-**

- D. Turnaround time

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### Question # 34

During the system study, the executive vice-president and the other managers exercise their responsibility of:

- A. planning
- B. controlling
- C. directing
- D. organizing
- E. None of the above

**Answer:-**

- B. controlling

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### Question # 35

Which of the following is (are) not a tool for Application Prototyping?

- A. Application generators
- B. third generation language
- C. screen generators
- D. report generators
- E. None of the above

**Answer:-**

- B. third generation language

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### Question # 36

Data manipulation language (DML):

- A. describes how data are structured in the data base
- B. specifies for the DBMS what is required; the techniques used to process data
- C. determine how data must be structured to produce the user's view
- D. All of the above
- E. None of the above

**Answer:-**

- B. specifies for the DBMS what is required; the techniques used to process data

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### Question # 37

The set of instructions for how to tie a bow is an example of the \_\_\_\_\_ Structure.

- A. Control
- B. Repetition
- C. Selection
- D. Sequence
- E. switching

**Answer:-**

- D. Sequence

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### Question # 38

Which of the following appropriately explains the desirable characteristic of good system design?

- A. Modular approach
- B. Proper documentation
- C. Conversion
- D. Long discussions
- E. None of the above

**Answer:-**

- A. Modular approach

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### Question # 39

An example of a hierarchical data structure is:

- A. array
- B. link list
- C. tree
- D. All of the above
- E. None of the above

**Answer:-**

- C. tree

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### Question # 40

On a systems flowchart, the online manual keeping of input data is identified by using the:

- A. online storage symbol
- B. Online keyboard symbol
- C. keeping operation symbols
- D. manual operation symbols
- E. None of the above

**Answer:-**

- B. Online keyboard symbol

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### Question # 41

Which of the following is not a characteristic of good test data:

- A. users do not participate at this preliminary stage
- B. should be comprehensive
- C. every statement should be executed
- D. All of the above
- E. None of the above

**Answer:-**

- A. users do not participate at this preliminary stage

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### Question # 42

In the system concepts, term Integration:

- A. implies structure and order
- B. refers to the manner in which each component functions with other components of the system.
- C. means that parts of the computer system depend on one another.
- D. refers to the holism of systems
- E. None of the above

**Answer:-**

- D. refers to the holism of systems

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### Question # 43

Indexed-Sequential organization:

- A. means storing records in contiguous blocks according to a key.
- B. Stores records sequentially but uses an index to locate records
- C. uses an index for each key type
- D. has records placed randomly throughout the file
- E. None of the above

**Answer:-**

- B. Stores records sequentially but uses an index to locate records

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### Question # 44

Management's decision to rent a computer system may be based upon:





- A. tax advantages
- B. desire to avoid a large one-time payment
- C. operational flexibility in changing hardware
- D. All of the above
- E. None of the above

**Answer:-**

- D. All of the above

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### Question # 45

The rule(s) to follow in constructing decision tables is (are):

- A. a decision should be given a name
- B. the logic of the table is independent of the sequence in which conditions rules are written, but the action takes place in the order in which the events occur.
- C. standardized language must be used consistently.
- D. All of the above
- E. None of the above

**Answer:-**

- D. All of the above

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### Question # 46

Which are the tools not used for System Analysis:

- A. System - test data
- B. Decision table
- C. Data Flow Diagram
- D. Flowcharts
- E. None of the above

**Answer:-**

- A. System - test data

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### Question # 47

Back-up procedure helps in:

- A. restoring the operation whenever there is a disk failure
- B. restoring both application and system software whenever there is disk corruption.
- C. restoring the data files whenever there is a system crash
- D. All of the above

**Answer:-**

- D. All of the above

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### Question # 48

The longest method of conversion is:

- A. direct
- B. parallel
- C. phased
- D. pilot
- E. None of the above

**Answer:-**

- A. direct

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### Question # 49

The first step in systems Development Life Cycle is:

- A. database design
- B. system design
- C. preliminary investigation and analysis
- D. graphical user interface
- E. None of the above

**Answer:-**

- C. preliminary investigation and analysis

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### Question # 50

Nassi - Schneider charts:

- A. are being replaced by flowcharts
- B. often describe overlapping control structures
- C. are made up of boxes within boxes
- D. both (a) and (c)



**Answer:-**

C. are made up of boxes within boxes

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**Question # 51**

Which of the following tools is not used in modeling the new system?

- A. decision tables
- B. data dictionary
- C. data-flow diagrams
- D. All of the above

**Answer:-**

D. All of the above

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**Question # 52**

A system design is said to be functionally modular if:

- A. the system is able to handle all the function of the application
- B. each module performs a specific function and can be developed relatively independently by programmers
- C. the system makes extensive use of function. keys for maximum user assistance
- D. the system is developed using structured programming through COBOL or PASCAL
- E. None of the above

**Answer:-**

B. each module performs a specific function and can be developed relatively independently by programmers

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**Question # 53**

Structured design produces computer programs that are:

- A. easily
- B. maintained
- C. easily understood
- D. both (a) and (b)

**Answer:-**

D. both (a) and (b)

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**Question # 54**

Tell me what is your technical expertise in this field?

**Answer:-**

Be specific about what you actually have training and experience in. But generally speaking, system analysts are usually experts in computer systems, hardware platforms, and programming techniques.

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**Question # 55**

Would you provide the documentation required by the system analyst?

**Answer:-**

Describe the various documentations you keep as part of your daily responsibilities. Analysts document problems as well as the solutions required or implemented. They make records of inventory and maintain system documentation.

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