



System analysis



Questions on leture2

(1).....is a traditional systems development technique that is time-tested and easy to understand.

a-structured analysis

b- Object-Oriented Analysis

(2)Which of the following is uses a series of phases, called the development life cycle (SDLC), to plan, analyze, design, implement, system and support information system

a-structured analysis

b- Object-Oriented Analysis

(3) structured analysis based on an overall plan, similar to a blueprint for constructing a building, so it is called a predictive approach.

A-true

b-false

(4) Structured Analysis Use 2 Approaches that does not emphasize interactivity among the phases. :

a- Waterfall model

b-Parallel model

c-Both of them

(5) In the waterfall model, the result of each phase is called a deliverable, which flows into the previous phase.

a-true

b-false next phase

(6)The SDLC model usually includes four steps

a-true

2-false

5steps



(7)..... Begins with a formal request to the IT department, called a **systems request**.

a-System Planning

b-System Analysis

c-System Design

b-system Implementation

E-System Support & security

(8) The purpose of this phase is to perform a **preliminary investigation** to evaluate an IT related business opportunity or problem.

a-System Planning

b-System Analysis

c-System Design

b-system Implementation

e-System Support & security

(9) A key part of the preliminary investigation is ability study that reviews costs and benefits

feasibility

a-true

b-**false**

(10) what is Required for building a **logical model** of the new system.

a-system planning

b-System Analysis

c-System Design

b-system Implementation

e-System Support & security

(11) in system analysis phase , The first step is requirements modeling, where the analyst investigates business process



a-true

b-false

(12) The deliverable for the systems analysis phase is the.....

a- a preliminary investigation

b- system requirements documentation

(13) in which phase we Create a physical model that will satisfy all documented requirements for the system. (the user interface is designed and necessary outputs, inputs, and processes are identified)

a-system planning

b-System Analysis

c-System Design

b-system Implementation

c-System Support &security

(14) in system design phase , the application architecture is also determined, which programmers will use to transform the logical design into to program modules and code.

a-false

b-true

(15) in which phase , we deliver a completely functioning and documented information system. The system is ready for use. Final preparations include converting data to the new system file

a-system planning

b-System Analysis

c-System Design

b-system Implementation

c-System Support &security



(16) in system **Implementation** phase, we do systems evaluation to determine whether the system operates properly and if costs and benefits are within

a-true

b-false

(17) in which phase, IT staff **maintains**, enhances, and protects the system. And changes correct errors and adapt to changes in the environment

a-system planning

b-System Analysis

c-System Design

b-system Implementation

c-**System Support & security**

(18) The objective during System Support & security is to minimize return on the IT investment(rio)

a-true

b-false maximiz

(19)..... Cutting the Project down to **subprojects**, Parallel development methodology attempts to address the problem of long delays between the analysis phase and the delivery of the system

a-waterfull model

b- Parallel Model

(20) in Parallel Model , Reduce the time to deliver a system

a-true

b-false



(21) The result is **a set of software objects** that represent actual people, things, transactions, and events. Using an O-O programming language, a programmer then writes the code that creates the objects.

a-structured analysis

b- **Object-Oriented Analysis**

(22) Object-Oriented model treats processes and data as separate components.

a-true

b- **false** structured analysis

(23) object-oriented analysis combines data and processes that act on the data into things called sprints

a-true

b- **false** called object

(24) This concept of o-o model about how to develop with some special design patterns, as the class is a blueprint and prototypes

A-true

B-false

(25) Phasing and Prototyping approach(RAD and JAD) To provide less accurate system, the companies manipulate the SDLC to create new versions of methodologies

a-true

b- **false** more

(26) phased development breaks an overall system into a series of versions that are developed **concurrently**.



a-true

b-false sequentially

(26) In phased development, The most important and fundamental requirements are bundled into the first version of the system; this is a type of.....

a-rad development

b-jad development

(27)-based methodologies attempt to address both weaknesses of structured design by system developed quickly and into the hands of the users

a-rad

b-jad

(28) RAD-based methodologies recommend that analysts use case tools ,jad sessions,fourth-generation or visual programming languages

a-true

b-false

(29) JAD focuses on team-based fact-finding, which is only one phase of the development process, whereas RAD is more like a compressed version of the entire process

a-true

b-false

(30) Performs the analysis, design, and implementation phases concurrently, and all three phases are performed repeatedly in a cycle the basics of analysis and design are performed, and work immediately begins on a system prototype

a-phased-development

b-prototyping-development

(31) the result of is a quick-and-dirty program that provides a minimal amount of

a-phased-development

b-prototyping-development

(32) The key advantage of a prototyping-based methodology is that it very quickly provides a system with which the users can not interact

a-true

b-false can interact by feedback

انتهت الأسئلة بحمد الله ﷻ

إن أصبت فمن الله وإن أخطأت فمن نفسي والشيطان

"التحديات تصنع الأبطال فاجعل كل درس بيني قوتك وصبرك" ﷻ

أسأل الله أن يجعل عملنا خالصا مخلصا لوجهه الكريم وأن يتقبل منا صالح الأعمال

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