BhiNder



**Question#1**

**MIDTERM EXAMINATION Spring 2023**

**1- jan- 2023**

**CS507- Information Systems**

**write three *lifestyle* models**

**answer**

1)_visual models,

2)_ mathematical models,

3)_ and computer models

**Question#2**

**Objectives of CRM** rep

ANSWER:

Improve customer satisfaction (happy customer are loyal customer)

Improve the Efficiency of your business (find the riht customer increase empolyee productivity)

Expand your costomer base

enhance your sales and support teams

**Question#3**

**What are the different subsystems of MIS explain?**

**Answer:**

Most part of the MIS database is collected from different sub- systems of the organization. The subsystems may be **Human Resource System, Production Management System, Finance System, Sales Management System, Project Management System**

**Question#4**

write some steps which are involved in assessment of IT planning.

• Orientation -

Assessment -- Major steps in this phase are

• Confirm business direction and drivers;

• Review technology trends; outline future requirements;

• Inventory existing information systems; and

• Develop an assessment of what is needed.

**Question#5**

In the concluding step of this phase there should be a well-developed assessment of the current and future business needs,

Strategic Plan

Tactical Plan

**Question#6**

Any Five phases of waterfall model 5 Mark's REP

planning,

design,

implementation,

verification,

maintenance.

**Question#7**

Manufacturers department role in an organization 5 Mark'

Production (Manufacturing): The Production or Manufacturing dept obviously makes the stuff that the company sells. But it has to work closely with Development and Research to make sure that what comes out of Development is something that can be built, tested, and maintained at a profit.

**Question#8**

Difference b/w procedure and system

A procedure is simply one component of a larger system, and most systems are made up of a series of procedures.

**Question#9**

Role of MIS in organization

MIS tools move data and manage information. They are the core of the information management discipline and are often considered the first systems of the information age. MIS produce data-driven reports that help businesses make the right decisions at the right time

**Question#10**

Discuss phases

A phase is a particular stage in a process or in the gradual development of something.

**Question#11**

Manual Vs Computerised Information Systems

As advancement was made in every field of life, manual information systems were converted to computerized systems. In manual environment, the concept of transformation was difficult to apply, since input of data into records was by itself the output which also included simple computations. Concept of control mechanism grew stronger as computerized information systems emerged. Now the concept of Information system exists with the usage and benefits of Computers as an inevitable part.

**Question#12**

What is incremental model in SDLC?

ncremental Model is a process of software development where requirements are broken down into multiple standalone modules of software development cycle

**Question#13**

authoritative management style

Authoritative leaders, also called visionary leaders, tend to approach leadership like a mentor guiding a mentee. Instead of telling their team to follow instructions and do as they say, authoritative leaders put themselves in the scenario and utilize a “come with me” approach

**Question#14**

Large organization factor REP

Large organizations tend to have more work specialization, more vertical levels, rules, regulations, and so on. So they tend to be more mechanistic in nature.

**Question#15**

Management Level.

Management levels are the divisions between degrees of authority and responsibility in a company. The typical management levels are top-level management, mid-level management and first-line management. These levels determine the duties of various manager positions, including who they report to and who reports to them.

**Question#16**

Challenges face in business

Keeping up With Industry Trends. ...

- Coping With Market Competition. ...
- Digital Adoption. ...
- Automating Business Processes. ...
- Data Analysis. ...
- Modernizing Legacy Systems. ...
- Cybersecurity. ...
- Balancing Quality and Growth.

**Question#17**

**What do you mean by prototyping?**

There are several methods of industrial design prototyping: iterative, parallel, competitive, and rapid. These different methods of prototyping produce varying models of proof-of-concept during the product development process

**Question#18**

**Factors of a large organization.**

Large organizations tend to have more work specialization, more vertical levels, rules, regulations, and so on

**size,**

**life cycle,**

**strategy**

**, environment,**

and technology

**Question#19**

**Which management system allows the manager to take all decisions**

AUTHORITATIVE

**Question#20**

What is system Analysis in sdlc?

Systems analysis, requirements definition: Define project goals into defined functions and operations of the intended application



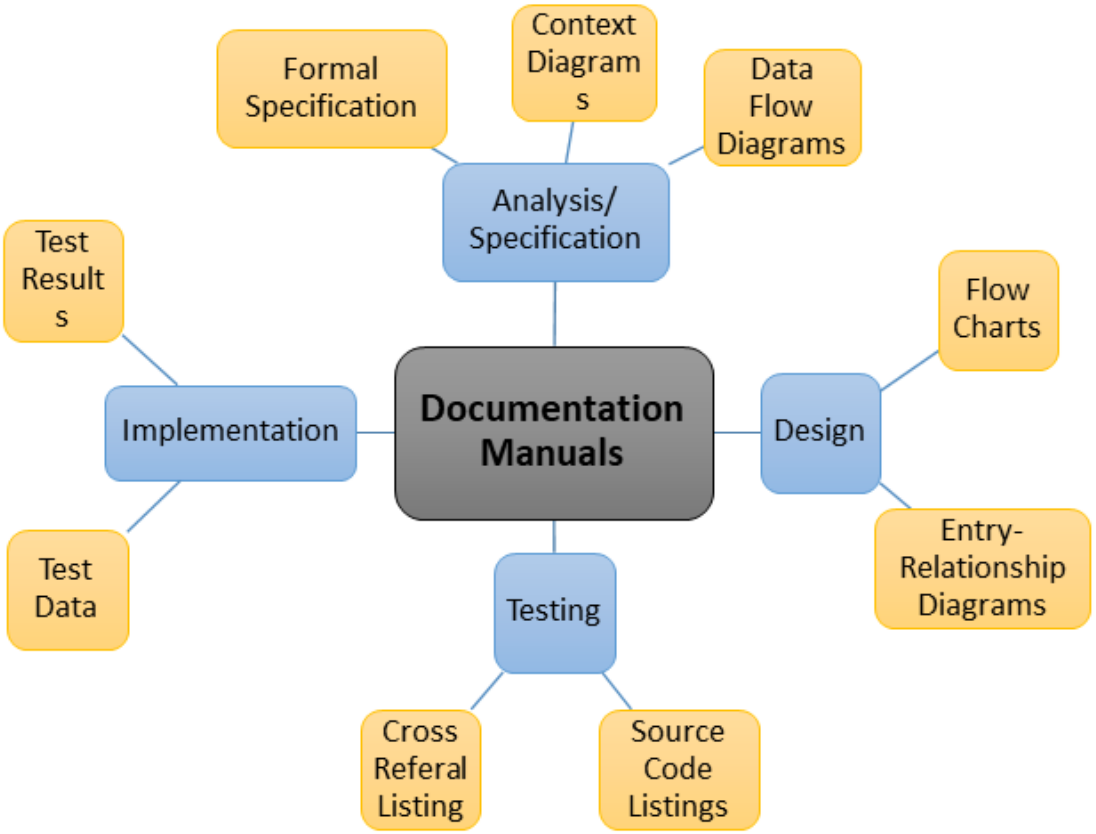

**Question#21**

Types of documentation/manuals ?

**Different types of documentation manuals in software engineering**

⓾ Analytics/ Specification Manual. The analytics and specification Manual is prepared during the initial phase of the software development, which is the requirement analysis phase. ...

- Design Manual. ...
- Implementation Manual. ...
- Testing Manual.




**Question#22**

data transaction Wala tha ku6 esa TCP ya TSP

The Internet‘s technological success depends on its principal communication tools, the Transmission Control Protocol (TCP) and the Internet Protocol (IP). They are referred to frequently as TCP/IP. A protocol is an agreed-upon set of conventions that defines the rules of communication. TCP breaks down and reassembles packets, whereas IP is responsible for ensuring that the packets are sent to the right destination.

**Question#23**

What is system analyst role ?

Systems analysts analyse how well software, hardware and the wider IT system fit the business needs of their employer or of a client. They write requirements for new systems and may also help implement them and monitor their effectiveness. Typical responsibilities of the job include: examining current systems.

**Question#24**

Disadvantage of participative style?

Disadvantages of the Participative Management Style

- Inhibit swift decision-making. Since participative managers want each team member to weigh in on the situation at hand, it can lengthen the decision-making process. ...
- Increase the likelihood of conflict. ...
- Diminish quality of expertise. ...
- Require employee participation.

**Question#25**

When managers make decision, he goes through certain phases tell the phases and describe each?

Intelligence : call for decision
Design : analysis environment and extract course of action
Choice : make a choice in alternative course of action
Implement: it's time to implement the selection
Monitor: now monitor if your selection is working or not

**Question#26**

In which management style manager make all decisions?

**Autocratic management styles**. This type of management follows a top-down approach, with one-way communication from bosses to employees. This is the most controlling of the different management styles, with the management making all workplace decisions and holding all of the power.

**Question#27**

Enlist Factors of Large organizations?

Although many things can affect the choice of an appropriate structure for an organization, the following five factors are the most common: size, life cycle, strategy, environment, and technology. The larger an organization becomes, the more complicated its structure.

**Question#28**

Elaborate components of CBIS?

A computer-based information system (CBIS) is an information system in which the computer plays a major role. CBIS have five components; there are hardware, software, , people, data and procedures.

**Question#29**

Why production subsystem is critical in Manufacturing Information system?

Production scheduling is the heart of the manufacturing information system. This complex subsystem has **to ensure that an appropriate combination of human, machinery, and material resources will be provided at an appropriate time in order to manufacture the goods.**

**Question#30**

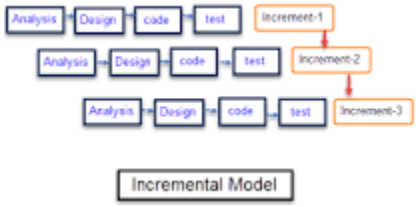
Explain Rational Man model with it's types?

a construct introduced in the work of Scottish economist Adam Smith (1723–1790): The rational-economic man makes decisions based on the rational analysis of potential and desired outcomes and acts in his (or her) own rational self-interest.

**Question#31**

SDLC k models mai incremental model explain krna tha?

Incremental Model is a process of software development where requirements are broken down into multiple standalone modules of software development cycle. Incremental development is done in steps from analysis design, implementation, testing/verification, maintenance




Incremental Model

**Question#32**

Small organization ? 3 marks

Small Organizations Small organizations usually have simple management structure. The need invariably grows from the limited scope and operations of management. Since tasks to be handled are usually limited and manageable, hence need for introducing more levels is not required. Since operations can be managed at the top level by one or two members of the senior management, officers from the lower level of management are not usually involved in decision making. Hence the final decisions are centrally taken. Information flows and formats are easy to define and change. Since information requirements are not extensive, number of documents prepared and generated will also be few in number. Mostly the interested party itself is running the business, hence the management is centralised to few people.

**Question#33**

Examples of Information requirements of Small Organizations

• Day to day transactions

• Daily Sale

• Cash management

• Receivables and Payables

**Question#34**

Three objectives of Large organization? imp

There are three types of organizational goals: **individual, team, and corporate**. With these goals, they all have specific time frames for achievement. In many cases, those goals have longer time frames than others

**Question#35**

5 Phases of Decision?

The decision-making process allows for the exploration of all alternatives in order to solve a problem, and it ensures that the best solution is found. The decision-making process includes the following steps: **define, identify, assess, consider, implement, and evaluate.**

**Question#36**

What is a Manufacturing Information System?

Manufacturing information systems are integral to the modern manufacturing facility. They are computer software platforms used to track to and document the transformation of raw materials to finished goods.

**Question#37**

List down any 3 models of SDLC?

Waterfall Model.

- V-Shaped Model.
- Iterative Model.
- Spiral Model.
- Big Bang Model.
- Agile Model

**Question#38**

Identification of External & Internal Resources ?

Book #27 impotent

List down rational individuals' modes of decision-making?

Rational man model
Bounded rationality

Muddling
Psychology

**Question#39**

Which Computer Based Information System (CBIS) is used by senior managers for strategic decision making when decisions are non-routine and require judgment and evaluation? And how this system is helpful for organization in decision making process? (Give any three points)

**Answer:**

Decision Support System (DSS)

Decision support systems are used by senior management to make non-routine decisions.

**Question#40**

**A good manager must possess good decision-making capabilities. For making good decisions, he has to go through some certain phases of decision making. You are required to write names of those phases and briefly describe them**

**answer**

Intelligence : call for decision
Design : analysis environment and extract course of action
Choice : make a choice in alternative course of action
Implement: it's time to implement the selection
Monitor: now monitor if your selection is working or not