

**UNIT-III PART – A**

1. What are the structures of menus?  
A menu structure define the amount of control given to the user in performing task. The most common structure are
  - Single Menu.
  - Sequential Linear Menus.
  - Simultaneous Menus.
  - Hierarchical Menus.
  - Connected Menus.
  - Event trapping Menus.
2. What are the functions of Menu?  
Menu can be used to Perform several functions such as
  - (1) Navigate to new menu.
  - (2) Execute an action or procedure.
  - (3) Display information.
  - (4) Data or parameter Input.
3. What is meant by verbal linkage and spatial linkage?
  - \* Verbal linkage and spatial linkage both may be used to provide navigational feedback.
  - \* Verbal linkage involves providing on the current menu screen, a listing o choices made on previous menus that have led to this position.
  - \* Spatial linkage can be accomplished by graphic methods. Each SUCC menu screen can be displayed overlapping the previous menu screen so a succession of choices can be seen in a single view.
4. What is necessary for ordering?  
A meaningful ordering is necessary to facilitate search for an item, Provide information about the structure and relationship among items.
5. What is meant by keyboard equivalent?
  - \* Keyboard equivalent have meaningful associations with their corresponding choice will be more easily learned and remembered.
  - \* To facilitate keyboard selection of a menu choice, each menu item should be assigned a keyboard equivalent mnemonic.
6. What is meant by keyboard accelerators?  
The accelerator may be one function key or a combination of keys. For frequently used items, provide a key board accelerator to facilitate keyboard selection.
7. What is the purpose of mask Toggles?  
It is used to designate menu item or feature is active or inactive over a relatively long period of time. When it is active an indicator is displayed adjacent to the item description for non exclusive choice, a check mark is displayed or mutually exclusive diamond or circle is displayed.
8. What are the Navigation goals?
  - \* A well designed navigation system facilitates quick and easy navigation between components whose structure and relationship are easily understandable.
  - \* Navigational tool, will minimize the problem associated with mental overload arid feelings of disorientation.
9. What is meant by windows project?
  - \* A project is a similar to MDI, but does not visually contain child wind
  - \* The objects held within the project window can be opened in windows that are peers with the project window.
  - \* Each opened peer window must possess its own menu bar and other elements.
10. How window is organized?
  - # Organize windows to support user tasks.
  - # Support the most common tasks in the most efficient manner o steps.
  - # Use primary windows to perform major interaction.

11. What are the advantages of frames in web systems?
- \* They decrease the user's need to jump back and forth between screen by reducing navigation related cognitive overhead.
  - \* They increase the user's opportunity to request, view and compare Sources of information.
  - \* They allow content pages to be developed independently of navigation.
12. What are the various window management schemes?
- (1) Single document interface.                      (2) Multiple document interfaces.  
(3) Workbooks.    (4) Projects.
13. List the different presentation styles?
- ✓ Tiled Windows
  - ✓ Overlapping Windows
  - ✓ Cascading Windows
  - ✓ Picking a Presentation Style
14. What is event-trapping Menu?
- Event Trapping menus provide an ever-present background of control over the system's state and parameters while the user is working on a foreground task.
15. What are the various structures of menus?
- ✓ Single Menus
  - ✓ Sequential Linear Menus
  - ✓ Simultaneous Menus
  - ✓ Hierarchical Menus
  - ✓ Connected Menus
  - ✓ Event-Trapping Menus
16. What are the presentation styles of windows?
- ✓ Tiled Windows
  - ✓ Overlapping Windows
  - ✓ Cascading Windows
  - ✓ Picking a Presentation Style
17. Define SDI.
- Single document interface.
  - A single primary windows with a set of secondary windows.
  - Object and window have a simple, one to one relationship.
  - View of single document.
18. What are the impacts of business functions in user interface design?
- Gain a complete understanding of the user's mental model based upon:
- i. The user's needs and the user's profile.
  - ii. A user task analysis.
- Develop a conceptual model of the system based upon the user's mental model.  
This includes:    a. Defining objects.    b. Developing metaphors.
19. What are the advantages of Tiled windows?
- # The system usually allocates and positions windows for the user, eli the necessity to make positioning decisions.
  - # Open windows are always visible, eliminating the possibility of them b lost and forgotten.
  - # Every window is always completely visible, eliminating the possibility of information being hidden.
  - # They are easier for novice or inexperienced people to learn and use.
  - # They yield better user performance for tasks.
20. What is known as cascading window?
- \* A special type of overlapping window has the window automatically arranged in a regular progression.
  - \* Each window is slightly offset from others.