

HCIL Practical Questions

Assignment 1 (**CO1: Differentiate between good design and bad design.**)

Which are different types of designs?

What is a good design?

What is the need of good design?

What do you mean by bad design?

Give 2 examples of good design.

Give 2 examples of bad design.

Assignment 2 (**CO2: Analyze creative design in the surrounding.**)

What do you mean by Jugad?

What is the need of Jugad?

Explain 2 examples of Jugad.

Assignment 3 (**CO3: Assess design based on feedback and constraint**)

What is feedback?

What is Constraint?

What is the need of feedback?

What is the need of constraint?

Give 2 examples of where there is need of feedback but it is not provided.

Give 2 examples of where there is need of constraint but it is not provided.

Give 2 examples of feedback.

Give 2 examples of constraint.

Assignment 4 (**CO4: Design paper-based prototypes and use wire frame**)

What is prototype?

What is wireframe?

How many types of users are generally observed?

What do you mean by Novice user?

What do you mean by Intermittent user?

What do you mean by Expert user?

What are High fidelity designs?

What are Low fidelity designs?

What is the need of wireframe?

Assignment 5 (**CO5: Implement user-interface design using web technology**)

Which are different types of CSS?

What is CSS?

What is the Box model in CSS?

What are the advantages of using CSS?

What are the limitations of CSS?

How to include CSS in the webpage?

What are the different types of Selectors in CSS?

What is VH/VW (viewport height/ viewport width) in CSS?

Difference between reset vs normalize CSS?

What is the difference between inline, inline-block, and block?

Is it important to test the webpage in different browsers?

What are Pseudo elements and Pseudo classes?

Does margin-top or margin-bottom have an effect on inline elements?

What property is used for changing the font face?

What are the differences between adaptive design and responsive design?

How is border-box different from content-box?

What are the properties of flexbox?

What is cascading in CSS?

How to center align a div inside another div?

What are the different ways to hide the element using CSS?

What does Accessibility mean?

How do I restore the default value of a property?

Difference between CSS grid vs flexbox?

What is padding?

What is Navigation?

Assignment 6 (**CO5: Implement user-interface design using web technology**)

What is CMS?

What are advantages of CMS?

Which are different tools for CMS development?

What is the purpose of CMS?

Which are types of CMS?

How to pass a variable by value in word press.

What is is_page() function in CMS?

How Wordpress is used for creation of interactive website?

What are the steps to deploy a website on web server?

Explain concept of Parking a website.

Assignment 7 (CO6: Evaluate user-interface design using HCI evaluation techniques)

What is the purpose of Evaluation?

Which are different ways of evaluating user interfaces?

Which are Shneiderman's Eight Golden Rules of Interface Design?

Give example of 1) Strive for Consistency.

2) Enable Frequent Users to Use Shortcuts.

Give example of 1) Offer Informative Feedback.

2) Design Dialog to Yield Closure.

Give example of 1) Offer Simple Error Handling.

2) Permit Easy Reversal of Actions.

Give example of 1) Support Internal Locus of Control.

2) Reduce Short-Term Memory Load.

Which are Nielsen's heuristics Rules?

What do you mean by Flexibility and efficiency of use?

What is Aesthetic and minimalist design?

How to achieve Error prevention?