

Part C

Number of questions: Two (02) essay questions  
Mark allocation: 40

1. Flexibility is one of the principles that supports usability in interface designing.
  - a. What is "Flexibility" with regard to interface designing?  
(3 mark)
  - b. Write short notes on following terms with examples.
    - i. Adaptivity
    - ii. Adaptability
    - iii. System pre-emptiveness
    - iv. User pre-emptiveness(12 mark)
  - c. "It is difficult to click small buttons on the screen than large buttons."  
Do you agree with the above statement? Justify your answer using Fitt's Law formula.  
(5 mark)

2. You have given the following login interface of the "EASY e-channelling" service.

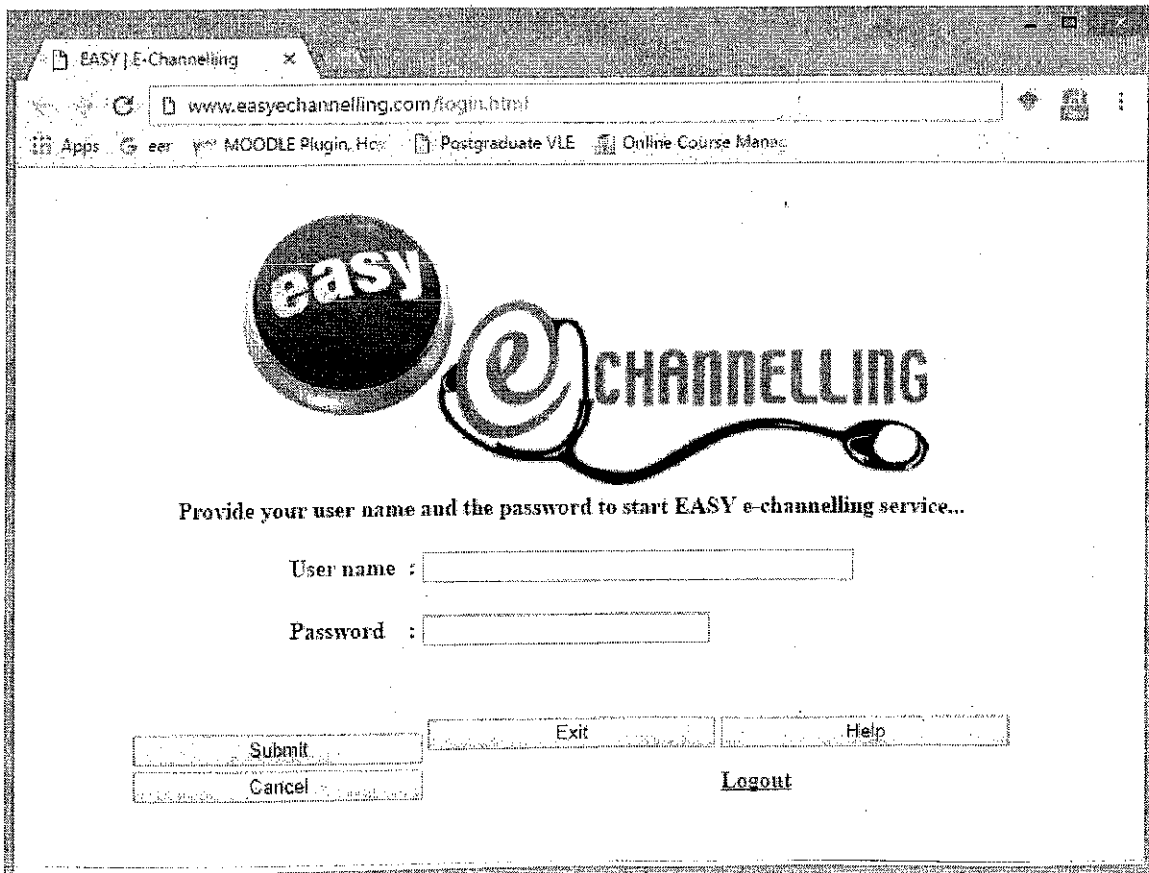


Figure 1: The login interface of the "EASY e-channelling" service

- a. Evaluate the interface given in **Figure 1** using the tools available for screen design and layout by explaining where the designer has applied those concepts correctly or incorrectly. Give your suggestions to improve the interface.  
(Hint: One such tool is grouping of items)

(10 mark)

- b. After login into the "EASY e-channelling" service, the user will redirect to "Make an Appointment" page.

You are required to sketch the "Make an Appointment" interface of "EASY e-channelling" service according to the following requirements. State all the interface design techniques that you have used when designing the interface.

- The interface should contain a proper header (banner) and a footer.
- There should be a navigation to other pages/interfaces. (E.g. View doctors, View channeling times, etc.)
- A search facility should be provided for the users.
- When making an appointment, the user should provide the details such as appointment date, patient name, title, gender, address, guardian's name, contact details (mobile no. and email), relationship to the patient.
- After filling the form, there should be an option to proceed with online payments in the interface.

(10 mark)