

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code: UEG17

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2024

Professional Elective

21ADVG17-HUMAN COMPUTER INTERACTION

(Regulations 2021)

(Common to EEE & Mechanical Engineering Branches)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

- | | |
|--|--------|
| 1. Write about Human Computer Interaction. | CO2-AP |
| 2. What are the features of graphical interface? | CO1-U |
| 3. What is User Interface design? | CO1-U |
| 4. What is User Interface Design process? | CO1-U |
| 5. Write the components of windows? | CO1-U |
| 6. How to make web system? | CO2-AP |
| 7. What is web page? | CO1-U |
| 8. How to identify effective feedback? | CO2-AP |
| 9. What is windows layout? | CO1-U |
| 10. What is visualization? | CO1-U |

PART – B (5 x 16= 80Marks)

- | | | |
|---|--------|------|
| 11. (a) Write about the characteristics and principles of human and computer interface? | CO1-AP | (16) |
| Or | | |
| (b) Create a medical application user interface design with suitable diagram. | CO1-AP | (16) |
| 12. (a) Explain user interface design process? | CO1-U | (16) |
| Or | | |
| (b) Write the requirement and analysis user interface design. | CO1-U | (16) |

13. (a) Explain in detail windows characteristics and components. CO1-U (16)
Or
(b) Explain in detail of the device based control? CO1-U (16)
14. (a) What is multimedia and make multimedia interface in details with diagram. CO2-AP (16)
Or
(b) Create an icon for android app for bank with international accessible standard explain in detail. CO2-AP (16)
15. (a) Explain in detail CO2-AP (16)
I. Layout test.(8)
II. Proto types.(8)
Or
(b) With the help of CSS. Create a web page for an image gallery and draw a neat diagram. CO2-AP (16)