

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2019 – 2020 and thereafter)

SUBJECT CODE: 19CS/PE/XI15

M. Sc. DEGREE EXAMINATION, NOVEMBER 2022
INFORMATION TECHNOLOGY
FIRST SEMESTER

COURSE : ELECTIVE
PAPER : UI, UX AND DESIGN THINKING
TIME : 1 ½ HOURS **MAX. MARKS: 50**

SECTION - A

Answer ALL the questions. **(5x2=10)**

1. What is Boot Strap?
2. List any two points that we can approach when designing a product.
3. Differentiate Qualitative Research and Quantitative Research.
4. How to create hyperlinks in HTML?
5. Why wireframes are important for our product design? Give any two reasons.

SECTION - B

Answer any FOUR of the following questions: **(4x5=20)**

6. What are User Personas? How to create Personas? Discuss briefly on any five of its sections.
7. Write a short note on Colour Theory.
8. Examine the usage of proximity element in design principle with a neat diagram.
9. Create a form for student marksheet calculation. Write Java Script code to find total, average, result and grade.
10. Discuss briefly on table elements and its attributes in HTML.
11. What is Grid System? Create two equal-sized column on the grid with background styling.

SECTION - C

Answer any TWO of the following questions: **(2x10=20)**

12. Explain in detail about the various UX research methods used in Explore stage.
13. What are DOM elements? What are the four basic operations that are used to M anipulate DOM.?
14. Elaborate various prototyping tools used in product design.
