G 18001001

Reg. No...............................

Name....................................

M.Sc. DEGREE (C.S.S.) EXAMINATION, MAY 2018

Fourth Semester

Faculty of Science

Branch II—Physics–A–Pure Physics—Open—Elective Bunch B

PH 4O E2—SOFTWARE ENGINEERING AND WEB DESIGN

(2012 Admission onwards)

Time : Three Hours

Maximum Weight : 30

Part A

Answer any **six** *questions.*
Each question carries weight 1.

1. What is waterfall model ?

2. Distinguish between verification and validation.

3. Discuss the use of frame tag in HTML ?

4. Write notes on input tag ?

5. Explain the use of <img> tag ?

6. Differentiate static and dynamic HTML ?

7. Write short note on dreamweaver ?

8. Write notes on variables in JavaScript ?

9. Differentiate internet and world wide web ?

10. Explain about style sheet ?

$(6 \times 1 = 6)$

Part B

Answer any **four** *questions.*
Each question carries weight 2.

11. Discuss different design techniques in software design ?

12. What are various types of coupling ? Explain.

Turn over

13. Explain basic structure of HTML document ? With example ?

14. Describe briefly objects in JavaScript ?

15. Write a HTML code that will display a table of student name, roll_no, total_mark ?

16. Explain documentation and implementation procedures of software ?

$(4 \times 2 = 8)$

Part C

*Answer **all** questions.*

Each question carries weight 4.

17. (a) Explain blackbox and white box test in detail

Or

(b) What are the major phases in software development ? Explain.

18. (a) Explain JavaScript control structures ?

Or

(b) Explain with example (a) JavaScript operators ; (b) Functions in JavaScript.

19. (a) Explain about tables and frames in HTML ?

Or

(b) Explain ordered and unordered list in HTML ?

20. (a) Explain different text formatting tags used in HTML ?

Or

(b) Discuss about HTML forms with example.

$(4 \times 4 = 16)$