

- N.B.:** (1) All questions are compulsory.
 (2) **Make suitable assumptions** wherever **necessary** and **state the assumptions** made.
 (3) **Answer** to the **same questions** must be **written together**.
 (4) **Numbers** to the **right** indicate **marks**.
 (5) Draw **neat** labeled **diagrams** wherever **necessary**.
 (6) Use of **Non-programmable** calculators is **allowed**.

1. Attempt the following (any **THREE**) [15]
 (a) What is **CSS**? Explain its types.
 (b) What is internet? What are its applications?
 (c) Explain any 2 web browsers
 (d) Explain Domain Name Server
 (e) What are the types of list?
 (f) Explain text formatting tags
2. Attempt the following (any **THREE**) [15]
 (a) Explain **HTML5** semantic tags
 (b) What is image map? what are its types?
 (c) Explain types of navigation bar with example
 (d) How to embed audio and video onto web page?
 (e) Write **HTML** code to display form for email registration
 (f) Explain **rowspan**, **colspan**, **cellpadding** and **cellspacing** with example.
3. Attempt the following (any **THREE**) [15]
 (a) Explain **void**, **new**, **this**, **comma** and **delete** operators in **Javascript**.
 (b) Differentiate between client side and server side **Javascript**.
 (c) Write a program to display prime numbers between 1 to 100
 (d) What is event and event handler? Explain **Mouse** and **keyboard** event handlers.
 (e) Explain **document object** properties and methods
 (f) Explain **date object** with its methods
4. Attempt the following (any **THREE**) [15]
 (a) Write a program in **PHP** to accept a number from user and display its factorial.
 (b) Differentiate between **get** and **post** method
 (c) Explain **PHP** error handling
 (d) Explain **superglobal** arrays in **PHP**
 (e) Write a **PHP** program from user to accept 2 numbers from user and display greater number.
 (f) Explain **String** functions in **PHP**
5. Attempt the following (any **THREE**) [15]
 (a) Write a **PHP** program to display data from table
 (b) Explain **PHP** session
 (c) Explain **PHP** mail
 (d) Explain **PHP-MySQL** functions
 a. `mysql_query()` b. `mysql_connect()` c. `mysql_affected_rows`
 d. `mysql_data_seek()` e. `mysql_fetch_array()`
 (e) Explain **PHP** cookies
 (f) Explain **regular expression** in **PHP**

Paper Discussion Schedule for: F.Y. B.Sc (IT) Sem. II

Date	Day	Timing	Centre
9 April. 2018	Monday	9 a.m. to 11 a.m.	Dadar
9 April. 2018	Monday	12 p.m. to 2 p.m.	Andheri
9 April.2018	Monday	3 p.m. to 5 p.m.	Borivali
9 April.2018	Monday	5 p.m. to 7 p.m.	Thane
7 April.2018	Saturday	8 a.m. to 10 a.m.	Kalyan
7 April.2018	Saturday	6 p.m. to 8 p.m.	Nerul