

Roll No.

Total Pages : 02

MCA/D-18

10137

ADVANCED WEB TECHNOLOGY

MCA-14-52

Time : Three Hours]

[Maximum Marks : 80

Note : Attempt *Five* questions in all. Q. No. 1 is compulsory. In addition to compulsory question, attempt *four* more questions selecting at least *one* question from each Unit.

1. (a) Define a query.
- (b) Describe page rank.
- (c) Define different types of objects in Javascript.
- (d) Write a short note on constants in PHP.
- (e) What is a session ? How is it handled ?
- (f) Discuss scope of variable in PHP.
- (h) What is meant by header entries ?
- (g) Define Angular js.

8×3=24

Unit I

2. (a) Discuss the various pitfalls in optimization. 7
- (b) What are the purposes of SE ? 7
3. (a) How to perform SEO of individual web page. 10
- (b) Discuss Weblog. 4

Unit II

4. (a) Write a PHP script to generate dynamic contents using database. 10
- (b) Discuss session management. 4
5. Explain form processing. Write a PHP script to accept e-mail address and validate it. 14

Unit III

6. Discuss form handling in JS. 14
7. (a) What is AJAX ? How it works. 7
- (b) Discuss onload and on-unload events with examples. 7

Unit IV

8. (a) Differentiate DoS and DDoS. 6
- (b) What is load balancing ? 4
- (c) Explain SQL injection with example. 4
9. How to optimize the images ? Explain. 14