

# Question Paper

Exam Date & Time: 29-Jun-2022 (02:00 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal School of Information Sciences (MSIS), Manipal  
Second Semester M.Sc. Information Science Degree Examination - June 2022

### Advance Internet Engineering [MIS 508]

Marks: 100

Duration: 180 mins.

Wednesday, June 29, 2022

Answer all the questions.

- 1) Describe how Web Browsers and Web Servers Communicate. (TLO 1.1) (10 Marks) (10)
- 2) Identify the benefits of using Web Services. (TLO 1.2) (10 Marks) (10)
- 3) Describe how CGI works. (TLO 1.3) (10 Marks) (10)
- 4) List the Rules of XHTML. (TLO 1.3) (10 Marks) (10)
- 5) Explain how PHP Works? How the web server processes PHP files. (TLO 2.1) (4+6 Marks) (10)
- 6) Explain briefly (TLO 2.2) (5+5 Marks) (10)  
a. PHP \$\_REQUEST b. PHP \$\_POST
- 7) Explain what is MYSQL? Show examples on how to connect to MySQLi using MySQLi procedural and PDO. (TLO 2 .3) (2+3+3Marks) (10)
- 8) Explain what jQuery? Explain the Features of jQuery. Why jQuery is required? (TLO 3.1) (2+3+3Marks) (10)
- 9) Discuss with example getting and setting attributes using jQuery. (TLO 3.2) (5+5Marks) (10)
- 10) Explain what is Ajax and explain any 4 main benefits of using Ajax in web applications. (TLO 4.1) (2+8Marks) (10)

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