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<b>R-11/R-13</b>
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**Code : 1GA71**

IV B.Tech. I Semester Supplementary Examinations May 2018

**Management Science**

( Common to EEE & CSE )

**Max. Marks: 70**

**Time: 03 Hours**

Answer any **five** questions

All Questions carry equal marks (14 Marks each)

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1. a) With a block diagram describe the functional organization and state its applications. 7M  
 b) Analyze the functions involved in Matrix organization and state its advantages. 7M
2. a) Differentiate between X bar, R, C and P charges with examples. 7M  
 b) List the factors which affect inventory management and explain the ABC analysis with a graph. 7M
3. a) What are the 4 P's marketing? Highlight their importance. 7M  
 b) With a neat sketch discuss the product life cycle. Also, state the consumer protection act 1986. 7M
4. a) What are the objectives of HRM? Highlight the importance of each objective. 7M  
 b) Analyze the process of Human Resource Planning with examples. 7M
5. Consider the Network for the following project and determine the following
  - i. Critical path
  - ii. ES, EF, LS, LF
  - iii. TF, FF

Activity	Duration
1-2	14
1-4	3
2-3	7
2-4	0
3-5	4
4-5	3
5-6	10

14M

6. a) When is the SWOT analysis done? Discuss the process involved with an illustration. 7M  
 b) Identify the steps involved in strategy formulation and implementation. 7M
7. a) Identify the benefits of Value analysis? State its applications. 7M  
 b) List the principles of Just-In-Time practices. 7M
8. a) Examine the ethical issues involved in information technology. 7M  
 b) Highlight the theories of utilitarianism and altruism with examples. 7M

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**R-11 / R-13**

**Code : 1G172**

IV B.Tech. I Semester Supplementary Examinations May 2018

**Open Systems for Web Technologies**

(Computer Science & Engineering)

**Max. Marks: 70**

**Time: 03 Hours**

Answer any five questions

All Questions carry equal marks (14 Marks each)

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1. a) How to handle HTTP requests and response? Explain in detail. 7M  
b) What is the difference between application server and web server? Explain. 7M
2. a) Explain briefly about servlets and JSP. 7M  
b) What makes PHP a choice among the other scripting languages? 7M
3. a) Write a PHP program that uses all the data types? 7M  
b) How to control script execution? Explain with example. 7M
4. a) Explain how instances can be created using constructors? 7M  
b) Write a PHP program to create a counter using files. 7M
5. a) What are cookies? What are the advantages and disadvantages of cookies? 6M  
b) What is a session? Explain briefly about sessions 8M
6. How can we prevent multiple submissions of a form on server side? Explain with example? 14M
7. a) Write PHP code to connect to a MySQL database. 7M  
b) How to perform a query in PHP? Explain with PHP code. 7M
8. What is Simple XML? Explain different functions available in Simple XML to parse and to load XML documents. 14M

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