

**R09**

Code: 9RBS301

B.Pharm II Year I Semester (R09) Supplementary Examinations June 2017

**STATISTICAL METHODS & COMPUTER APPLICATIONS**

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Define the following: (i) Probability. (ii) Event. (iii) Confidence limits.  
(b) List the properties of normal distribution curve.
- 2 Compute the coefficient of correlation and the two lines of regression for the following data:

Price x:	14	16	17	18	19	20	21	22	23
Demand y:	84	78	70	75	66	67	62	58	60

- 3 (a) Explain common parametric test.  
(b) Give procedure for "two way ANOVA".
- 4 (a) Explain in detail about RBD.  
(b) List the applications of statistical concepts in pharmaceutical sciences.
- 5 (a) List the applications of computer with examples.  
(b) Explain the components of a computer.
- 6 (a) How to work with files and with text? Explain.  
(b) Write the procedure to recover unsaved files and versions.
- 7 (a) List the advantages of the database management systems.  
(b) Define the structured query language.
- 8 Explain the role of computer in pharmaceutical and clinical studies.

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