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BCS-061(P)/S1

**Bachelor of Computer  
Application (Revised) (BCA)  
Term-End Examination  
December, 2018**

**TCP/IP PROGRAMMING**

*Time : 2 Hours*

*Maximum Marks : 30*

*(Weightage : 15%)*

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- Note :**
- (i) There are *two* compulsory questions.
  - (ii) Marks are indicated against each question.
  - (iii) 10 marks are for viva-voce.
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1. Run the following Unix commands and write their outputs : 8
  - (i) finger
  - (ii) look
  - (iii) du
  - (iv) Ping
  
2. Write and execute a client and a server program using 'C' language for the following specifications : 12
  - (a) TCP client will send a string (in lower case) to the server.
  - (b) TCP server will return the string in the upper case.