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BCS-061(P)/S4

**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 output : 8
 - (i) host name
 - (ii) net stat
 - (iii) fc
 - (iv) rsh

2. Write and execute the following tasks using C-language in Unix :
 - (a) Establish a TCP connection between a client and a server program. 3
 - (b) TCP client program sends the following numbers to the server : 3
5 2 18 15 6
 - (c) A server program sort the numbers in ascending order. 6