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025648

BCS-061(P)/S2

**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) tail
 - (ii) ps
 - (iii) kill
 - (iv) cat

2. Write and execute a client and a server program using C-language in Unix with the following specifications : 12
 - (a) A UDP client will send a string to the server after the connection is established.
 - (b) A UDP server will return "YES" if the string is a palindrome or 'NO' if the string is not a palindrome.