

**[5158] - 1004**  
**F.Y. B.Com.**  
**BUSINESS MATHEMATICS AND STATISTICS**  
**(2013 Pattern)**

Time : 3 Hours]

[Max. Marks : 80]

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Use of logarithmic tables and calculator is allowed.
- 4) Both the sections should be written in the same answer-book.

**SECTION - I**

**Q1) A)** Answer each of the following multiple choice questions by selecting correct option from the given options. (Any four) **[4 × 1 = 4]**

- i) Mr. Akash spends 75% of his monthly salary and saves Rs. 14500 per month. Then his total monthly salary is \_\_\_\_\_.  
a) Rs. 50,000                      b) Rs. 58,000  
c) Rs. 40,000                      d) Rs. 58,500
- ii)  $4^4 \times 4^5 = ?$   
a)  $4^{20}$                                 b)  $2^{16}$   
c) 4                                      d) None of these
- iii) What is the greatest number which when divides 3461 and 9382 leaves remainder 10 and 15 respectively?  
a) 943                                b) 394  
c) 493                                d) 349
- iv) The LCM of the 31 and 71 is  
a) 1                                      b) 51  
c) 2201                                d) None of these
- v) The Ratio between the marks obtained in Accountancy by Anil and Sunil is 4: 5 if the difference between their marks is 8, how many marks they are marks obtained?  
a) 32 and 40                      b) 42 and 48  
c) 30 and 40                      d) None of these

**P.T.O.**

# Business Mathematics And Statistics Question Papers

**Yijin Wang**



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