

# BCS Career SPARK

## 46<sup>th</sup> BCS Written Math(Exam-03)

### উৎপাদকে বিশ্লেষণ

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| 1) $5(a + b)^2 + 18(a^2 - b^2) - 8(a - b)^2$       | 2.5 |
| 2) $2a^2b^2 + 2b^2c^2 + 2c^2a^2 - a^4 - b^4 - c^4$ | 2.5 |
| 3) $(x^2 + 2x)^2 + 12(x^2 + 2x) - 45$              | 2.5 |
| 4) $4a^4 - 4a^2 + 9$                               | 2.5 |
| 5) $54x^4 + 27x^3b - 16x - 8b$                     | 2.5 |
| 6) $x(x + 2)(x + 3)(x + 5) + 8$                    | 2.5 |
| 7) $x^2 - 2xy - 4y - 4$                            | 2.5 |
| 8) $4y^2 - 2 + \frac{1}{4y^2} + 4y - \frac{1}{y}$  | 2.5 |

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*ASP , 43rd BCS Police(recommended)*

*AD, Bangladesh Bank(recommended)*

*Former Assistant Engineer, DESCO(power division)*

*Assistant Maintenance Engineer, Bangladesh Railway(Gazetted)*