



17th Philippine Mathematical Olympiad

Qualifying Stage

11 October 2014

PART I. Choose the best answer. Each correct answer is worth two points.

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|------|-------|-------|
| 1. C | 6. D | 11. B |
| 2. A | 7. D | 12. C |
| 3. C | 8. A | 13. C |
| 4. C | 9. A | 14. B |
| 5. B | 10. C | 15. A |

PART II. Choose the best answer. Each correct answer is worth three points.

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| 1. C | 6. B |
| 2. D | 7. A |
| 3. B | 8. A |
| 4. C | 9. B |
| 5. D | 10. D |

PART III. All answers should be in simplest form. Each correct answer is worth six points.

1. $0, \frac{1}{2}$
2. 60
3. 98
4. 2012
5. 7