

# MATH (16 AUGUST 2018)

## SIMPLIFICATION | IBPS PO

Q.1.  $[\{(3)^2\}^6]^4 = 9^?$

- 1. 24
- 2. 18
- 3. 10
- 4. 15
- 5. 6

Q.2.  $7^{2.3} \times 49^{4.7} \times 63^{3.4} \times 81^{5.85} = 63^?$

- 1. 11.7
- 2. 14.34
- 3. 13.7
- 4. 15.1
- 5. 16.5

Q.3.  $(32)^5 \times (8)^4 \times (16)^3 \div (8)^3 \div (4)^2 \times (2)^3 = (4)^?$

- 1. 37
- 2. 39
- 3. 19.5
- 4. 20
- 5. 30

Q.4.  $(27)^4 \times (3)^5 \times (81)^3 \div (9)^3 \div (27)^3 = (3)^{2 \times ?}$

- 1. 14
- 2. 28
- 3. 3.5
- 4. 7
- 5. 8.5

Q.5.  $27.06 \times 25 - ? = 600$

- 1. 72.5
- 2. 75.5
- 3. 76.5
- 4. 78.5
- 5. 81.5

Q.6.  $\frac{?}{338} = \frac{288}{?}$

- 1. 156
- 2. 312
- 3. 144
- 4. 316
- 5. 512

Q.7.  $\frac{5}{\sqrt[3]{?}} = \frac{256}{\sqrt[3]{?}}$

- 1. 8
- 2. 16
- 3. 64
- 4. 32
- 5. 512

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