Number System-04- Remainders

Find the remainder in case of each of the following division

1. $80^{81} \div 9$

   1. 0 2. 1 3. 4 4. 5 5. 8

2. $81^{81} \div 13$

   1. 1 2. 2 3. 3 4. 11 5. 12

3. $60^{60} \div 11$

   1. 1 2. 3 3. 5 4. 9 5. 10

4. $4^{33} \div 27$

   1. 1 2. 4 3. 13 4. 19 5. 26

5. $83^{1002} \div 39$

   1. 1 2. 5 3. 8 4. 25 5. 38

6. $9103^{220} \div 91$

   1. 1 2. 3 3. 9 4. 27 5. 81

7. $60^{60} \div 17$

   1. 1 2. 9 3. 13 4. 15 5. 16

8. $103^{101} \div 19$

1. 1 2. 7 3. 8 4. 12 5. 18

9. $3^{52} \div 244$

1. 3 2. 9 3. 27 4. 81 5. 243

10. $1000^{1000} \div 77$

1. 1 2. 2 3. 33 4. 44 5. 76

11. $110^{220} \div 21$

1. 1 2. 4 3. 5 4. 16 5. 20

12. $2^{99} \div 25$

1. 1 2. 12 3. 13 4. 15 5. 24

13. $7^{109} \div 17$

1. 16 2. 15 3. 11 4. 6 5. None of these

14. $(222^{333} + 333^{222}) \div 11$

1. 0 2. 1 3. 6 4. 7 5. 10

15. $(37^{64} - 27^{64}) \div 64$

1. 0 2. 1 3. 16 4. 32 5. 63