



Bank-PO

Number System

Maths by

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**1.** Find the unit digit of the number  $(73)^{98} + (39)^{87} + (76)^{99}$

(a) 1

(b) 2

(c) 3

(d) 4

(e) N. O. T

**2.** Find the unit place digit of  
the number  $7^{37} \times 38^{54} \times 817^{93} \times$   
 $777^{777}$

(a) 1      (b) 2

(c) 5      (d) 6      (e) N. O. T

**3.** Find the unit digit of the number  $817^{938} + 776^{532} + 985^{67} + 813^{353}$

(a) 3

(b) 2

(c) 6

(d) 4

(e) N. O. T

**4.** Find the digit of the number

$$367^{98} \times 53^{687} \times 134^{134} \times 59^{167}$$

(a) 2

(b) 3

(c) 9

(d) 8

(e) N. O. T

**5.** Find the unit digit of the number  $532^{375} + 819^{532} + 877^{77} + 985^{352} - 112^{18}$

(a) 6

(b) 7

(c) 8

(d) 9

(e) N. O. T

**6.** Find the unit digit of the

number  $23^{444} - 989^{989} -$

$548^{179} + 344^{345}$

(a) 2

(b) 3

(c) 4

(d) 6

(e) N. O. T

**7.** Find the unit digit of the number  $(3.54)^{345} + (9.99)^{999} + (64.4)^{44}$

(a) 2

(b) 0

(c) 3

(d) can not determine

(e) 7



**8.** Find the unit digit of the

number  $2222^{2222^{2222^{2222}}}$  +

$3333^{3333^{3333^{3333}}}$

(a) 8

(b) 9

(c) 7

(d) 6

(e) N. O. T

**9.** When  $69^{67}$  is divided by 68 then what is the remainder

(a) 0

(b) 1

(c) 66

(d) 67

(e) N. O. T

**10.** If  $17^{200}$  is divided by 18, then remainder will be

(a) 17      (b) 18

(c) 1      (d) 0      (e) N. O. T

**11.** If  $192^{193}$  is divided by 193, then remainder is

(a) 192      (b) 193

(c) 1          (d) 0          (e) N. O. T

**12.** If  $39^{119}$  is divided by 40  
then remainder is

(a) 40

(b) 39

(c) 38

(d) -1

(e) N. O. T

**13.** If  $(67^{67} + 67)$  is divided by 68 then remainder is

(a) 66

(b) 67

(c) 68

(d) 1

(e) N. O. T

**14.** If  $(168^{169} + 5)$  is divided by 169 then remainder is

(a) 2

(b) 3

(c) 4

(d) 8

(e) N. O. T

**15.** Find the remainder if  $3^{90}$   
is divisible by 28

(a) 1

(b) 2

(c) 3

(d) 4

(e) N. O. T



**16.** What will be remainder if  $2^{31}$  is divided by 5

(a) 2

(b) 4

(c) 3

(d) 7

(e) N. O. T

**17.** When  $(17^{37} + 29^{37})$  is divided by 23 then remainder will

(a) 0

(b) 1

(c) 2

(d) 3

(e) N. O. T

**18.** Find the number of Zeroes  
in the product

$$1 \times 2 \times 3 \times 4 \times \dots \times 100$$

(a) 30

(b) 24

(c) 25

(d) 26

(e) N. O. T

**19.** Find the number of zeroes  
in the product

$$1 \times 2 \times 3 \times 4 \times 5 \times 6 \times \dots \times 273$$

(a) 64

(b) 66

(c) 68

(d) 70

(e) N. O. T

**20.** Find the number of zeroes in the product

$$10 \times 20 \times 30 \times 40 \times \dots \times 1000$$

(a) 125

(b) 124

(c) 126

(d) 130

(e) N. O. T

**21.** Find the number of zeroes  
in the product

$$25 \times 75 \times 95 \times 135 \times 37 \times 93 \times 64$$

(a) 5

(b) 6

(c) 7

(d) 8

(e) N. O. T

**22.** Find the number of zeroes  
in the product  $222^{333} \times 555^{666}$

(a) 666      (b) 444

(c) 333      (d) 777 (e) N. O. T

**23.** Find the number of zeroes  
in the product  $27! \times 397!$   
 $\times 435!$

(a) 110      (b) 115

(c) 210      (d) 215      (e) N. O. T



**24.**  $3^{25} + 3^{26} + 3^{27} + 3^{28}$  is

divisible by

(a) 11      (b) 16

(c) 25      (d) 30      (e) N. O. T

**25.**  $4^{61} + 4^{62} + 4^{63} + 4^{64}$  is

divisible by

(a) 3

(b) 11

(c) 13

(d) 17

(e) N. O.