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RRB-NTPC

CBT-I ,CBT-II

PRACTICE
&
PREVIOUS YEARS QUESTION

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Head office -
Toppersnotes
SIERRA INNOVATIONS PVT. LTD.
52, Radha Mukut Vihar, Golyawas,
New Sanganer Road, Mansarovar, Jaipur,
Rajasthan-302020

MRP ₹799/-
Email :- hello@toppersnotes.com

Website- www.toppersnotes.com

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Quantitative Aptitude

Reasoning

General Science & General Awareness

Exam Pattern of RRB – NTPC (2019)

1st Stage Computer Based Test (CBT) – Common for all notified posts.

Exam Duration in Minutes	No. of Questions (each of 1 mark) from			Total No. of Questions
	General Awareness	Mathematics	General Intelligence and Reasoning	
90	40	30	30	100

The examination duration will be 120 minutes.

The normalized score of 1st Stage CBT shall be used for short listing of candidates for 2nd Stage CBT as per their merit.

The examination duration and number of questions for 2nd stage CBT are indicated below:

Exam Duration in Minutes	No. of Questions (each of 1 mark) from			Total No. of Questions
	General Awareness	Mathematics	General Intelligence and Reasoning	
90	50	35	35	120

The examination duration will be 120 Minutes for eligible PwBD candidates accompanied with Scribe.

QUANTITATIVE APTITUDE

Number System

PRACTICE QUESTION

1. What is the digit in the unit's place of 2^{51} ?
   A) 4 B) 1
   C) 8 D) 2

2. Of 128 boxes of oranges, each box contains at least 120 and at most 144 oranges. The least number of boxes containing the same number of oranges is
   A) 6 B) 5
   C) 103 D) NONE

3. Find number of zeros at the end of 1090!
   A) 268 B) 269
   C) 270 D) 271

4. Find the unit's digit of the expression: $55^{725}+ 73^{5810} + 22^{853}$.
   A) 6 B) 2
   C) 0 D) 4

5. Find the value of x in the expression:
   $\sqrt{x+2\sqrt{x+2\sqrt{x+2\sqrt{3x}}}} = x$
   A) 12 B) 6
   C) 1 D) 3

6. Find the number of zeros in the product: 5 × 10 × 25 × 40 × 50 × 55 × 65 × 125 × 80.
   A) 9 B) 12
   C) 13 D) 11

7. Find the last two digits of the product: 15 × 37 × 63 × 51 × 97 × 17.
   A) 31 B) 32
   C) 33 D) 35

8. The last 3 digits of the multiplication 12345 × 54321 would be.
   A) 745 B) 845
   C) 75 D) 52

9. Find the last digit of the number N = $1^3 + 2^3 + 3^3$ ..... + 99^3
   A) 5 B) 2
   C) 3 D) 0

10. Find the larger of the two numbers, such that the sum of their cubes is 637 and sum of their squares is 49 more than the product.
   A) 7 B) 6
   C) 5 D) 4

11. If 423 is in base 6 system, what is the value of (abc) 6 such that 423 + abc = 1000?
   A) 133 B) 243
   C) 577 D) 585

12. How may odd divisors does the number 1,000,000 have?
   A) 6 B) 7
   C) 5 D) 4

13. The HCF of two numbers is 28 and the HCF of two other numbers is 82. Find the HCF of all these four numbers.
   A) 11 B) 12
   C) 13 D) 14

14. For how many values of a are, a, a + 14, a + 26 prime numbers?
   A) 1 B) 2
   C) 3 D) NONE

15. For how many values of a are, a, a + 2, a + 4 prime numbers?
   A) 2 B) 1
   C) NONE D) 3

16. What is the remainder when $10^{25} - 7$ is divided by 11?
    A) 1 B) 6
    C) 5 D) 3

17. Find the remainder, when $(109)^4 \times (145)^8$, is divided by 17?
    A) 1 B) 2
    C) 3 D) 4

18. A vendor has 748 oranges, 408 apples, and 952 plums. If he packs the fruits into crates with an equal number of fruit without mixing them, what is the minimum number of crates?
    A) 31 B) 32
    C) 33 D) 34

19. When a certain number is multiplied by 13, the product consists entirely of sevens. Find the smallest such number.
    A) 59800 B) 59829
    C) 59899 D) 60500

20. The product of 2 numbers is the cube of its HCF. If the LCM is 1225, what is the smaller number?
    A) 175 B) 192
    C) 155 D) 166

21. A boy was set to multiply 10,056 by 469, but reading one of the figures in the question erroneously he obtained 4112904. Which figure did he mistake and he took which figure in that place respectively?
    A) 6,0 B) 0,6
    C) 5,4 D) 4,5

22. Four wheels, whose circumferences are 33, 42, 55, 63 cm respectively are set in motion at the same time. After how many revolutions of the first wheel will they all have simultaneously completed an exact number of revolutions for the first time?
    A) 420 B) 210
    C) 308 D) 455

23. Find the greatest number, which is such that when 76, 151 and 226 are divided by it, the remainders are all alike. Find also the common remainder.
    A) 75,1 B) 56,3
    C) 62,1 D) 45,7

24. A number when decreased by 3 becomes 108 times the reciprocal of the number. The number is
    A) 18 B) 9
    C) 6 D) 12

25. Find the last two digits of the product: 122 × 123 × 125 × 127 × 129.
    A) 20 B) 30
    C) 40 D) 50

PREVIOUS YEAR QUESTION

Q.1 Two – thirds of children are in the age group 1-12 years. Of this, if three – fourths are in the age group of 1-8 years find the fraction of children in the age group of 9-12 years?
(RRB NTPC 28-03-2016)
(A) 1/3 (B) 1/4
(C) 1/6 (D) 1/2

Q.2 How many prime numbers are there between 50 and 100?
(RRB NTPC 28-03-2016)
(A) 6 (B) 10
(C) 13 (D) 5

Q.3 XCVI denotes
(RRB NTPC 28-03-2016)
(A) 116 (B) 496
(C) 96 (D) 84

Q.4 Which number will be in the middle if the following numbers are arranged in descending order?
4456, 4465, 4655, 4665, 4565
(RRB NTPC 28-03-20216)
(A) 4456 (B) 4465
(C) 4565 (D) 4655

Q.5 What should be subtracted from 107.03 to get 96.4?
(RRB NTPC 28-03-2016)
(A) 1.63 (B) 10.63
(C) 10.53 (D) 9.63

Q.6 Geetha weighs 11.235 kg. Her sister weights 1.4 times her weight. Find their combined weight?
(RRB NTPC 29-03-2016)
(A) 15.729 kg (B) 25.964 kg
(C) 26.964 kg (D) 26.964 kg

Q.7 If COW ÷ CW = 13, what might be the value of COW?
(RRB NTPC 29-03-2016)
(A) 272 (B) 195
(C) 323 (D) 387

Q.8 10 dozen apples, 15 dozen mangoes & 20 dozen oranges are kept for sale. 1/2, 1/3rd& 1/4th of each item respectively have been added. What is the total number of fruits kept for sale now?
(RRB NTPC 30-03-2016)
(A) 720 (B) 600
(C) 580 (D) 820

Q.9 125 – 73 + 48 – 137 + 99 =?
(RRB NTPC 30-03-2016)
(A) 237 (B) 62
(C) 37 (D) 52

Q.10 Which of the following is in ascending order?
(RRB NTPC 30-03-2016)
(A) 2/3, 3/4, 4/5, 1/2
(B) 3/4, 4/5, 1/2, 2/3
(C) 1/2, 2/3, 3/4, 4/5
(D) 4/5, 1/2, 2/3, 3/4

Q.11 Find the least number to be added to 1739 so that it is exactly divisible by 11.
(RRB NTPC 30-03-2016)
(A) 11 (B) 2
(C) 1 (D) 10

Q.12 Which of the following is the least of all?
(RRB NTPC 30-03-2016)
(A) 0.5 (B) 1/0.5
(C) 0.5×0.5 (D) 0.5 ×2

Q.13 What number, from the following, should be deducted from 1184 to make it exactly divisible by 21?
(RRB NTPC 31-03-2016)
(A) 15 (B) 12
(C) 8 (D) 7

Q.14 You purchased two pieces of cloth measuring 1.2 m and 1.3 m each at Rs. 330 and Rs. 270 per meter respectively and gave Rs. 1000 at the payment counter. How much cash will you get back?
(RRB NTPC 31-03-2016)
(A) Rs. 253 (B) Rs. 604
(C) Rs. 649 (D) Rs. 235

Q.15 If P7 13 is divisible by 11. Find the value of 3the smallest natural number P?
(RRB NTPC 02-04-2016)
(A) 5 (B) 12
(C) 8 (D) 7

Q.16 If x is an even cumber, what is the consecutive odd number?
(RRB NTPC 03-04-2016)
(A) x-1 (B) x+1
(C) x+2 (D) x-2

Q.17 What number should be deducted from 1265 to make it divisible by 29 exactly?
(RRB NTPC 05-04-2016)
(A) 15 (B) 16
(C) 18 (D) 17

Q.18 Correct expression of $0.0\overline{18}$=?
(RRB NTPC 11-04-2016)
(A) $\frac{1}{55}$ (B) $\frac{18}{100}$
(C) $\frac{18}{1000}$ (D) $\frac{1}{66}$

Q.19 Find the largest 6 digit number which is completely divided by 71?
(RRB NTPC 19-04-2016)
(A) 999965 (B) 999954
(C) 999964 (D) 999974

Q.20 What is the minimum number to be subtracted from 6321, which makes it completely divisible by 14?
(RRB NTPC 19-04-2016)
(A) 8 (B) 12
(C) 7 (D) 11

Q.21 Correct expression of $0.02\overline{36}$ =?
(RRB NTPC 22-04-2016)
(A) $\frac{13}{550}$ (B) $\frac{236}{1000}$
(C) $\frac{36}{1000}$ (D) $\frac{13}{555}$

Q.22 Find the unit digit in $(1234)^{102} + (1234)^{103}$
(RRB NTPC 28-04-2016)
(A) 2 (B) 4
(C) 0 (D) 1

Q.23 If a/b = 1/3; b/c = 1/2 and a = 2 then the value of c is:
(RRB NTPC 29-04-2016)
(A) 8 (B) 10
(C) 12 (D) 16

Q.24 Find the least number that must be subtracted from 87375, to get a number exactly divisible by 698.
(RRB NTPC 29-04-2016)
(A) 120 (B) 125
(C) 250 (D) 375

Q.25 A tennis player, won 18 games out of 27 games played. Calculated the games won in terms of decimal.
(RRB NTPC 29-04-2016)
(A) 0.667 (B) 0.067
(C) 0.50 (D) 0.333

Q.26 Correct expression of $1.4\overline{27}$. (the bar indicates repeating decimal)
(RRB NTPC 17-01-2017)
(A) $\frac{1427}{1000}$ (B) $\frac{157}{110}$
(C) $\frac{1427}{10000}$ (D) $\frac{157}{111}$

Q.27 All rational number are …….. numbers.
(RRB NTPC 17-01-2016)
(A) Integer (B) Whole
(C) irrational (D) Real

Q.28 Which of the following is equivalent to $0.\overline{56}$? (The bar indicates repeating decimal)
(RRB NTPC 17-01-2016)
(A) $\frac{56}{100}$ (B) $\frac{56}{1000}$
(C) $\frac{56}{99}$ (D) $\frac{560}{90}$

Q.29 What is the unit digit in $[4523^{1632} \times 2224^{1632} \times 3225^{1632}]$?
(RRB NTPC 18-01-2017)
(A) 1 (B) 0
(C) 4 (D) 5

Q.30 The height of 240 students of a school is tabulated below. How many students are of the height < 130 cms, but > 100 cms?

Height (cm)	<100	<110	<120	<130	<140	<150
No. of students	12	30	65	180	218	240

(A) 150 (B) 168

(C)180 (D)192

Q.31 Find the difference between the smallest number of five digits and greatest number of four digits?

(RRB NTPC 18-01-2017)

(A) 3 (B) 2
(C) 0 (D) 1

Q.32 Correct expression of $0.06\overline{65}$
(The bar indicates repeating decimal)

(RRB NTPC 19-01-2017)

(A) $\frac{18}{275}$ (B) $\frac{18}{277}$
(C) $\frac{654}{10000}$ (D) $\frac{654}{1000}$

Q.33 If a box contains 3 white cushions, 4 red cushions and 5 blue cushions, what is probability of selecting a white or blue cushions?

(RRB NTPC 28-04-2016)

(A) $\frac{2}{3}$ (B) $\frac{3}{4}$
(C) $\frac{1}{4}$ (D) $\frac{1}{2}$

Q.34 In a general of 832 people, it was found that 624 owned a car. If a person is selected randomly, what is the probability that the person will not be an owner of a car?

(RRB NTPC 18-01-2017)

(A) 1.33 (B) 0.25
(C) 0.75 (D) 0.40

PRACTICE QUESTION

Q.1 Find the LCM of 24, 36 and 40?
(A) 120 (B) 240
(C) 360 (D) 480

Q.2 LCM of 2 numbers of 495 and their HCF are 5. If the sum of the numbers is 100, then their difference is?
(A) 10 (B) 46
(C) 70 (D) 90

Q.3 The ratio of two numbers is 3:4 and their HCF is 4. Their LCM is?
(A) 12 (B) 16
(C) 24 (D) 48

Q.4 The least multiple of 7, which leaves a remainder of 4, when divided by 6, 9, 15 and 18 is: -
(A) 74 (B) 94
(C) 184 (D) 364

Q.5 The product of two numbers is 2028 and their HCF is 13. The number of such pair is?
(A) 1 (B) 2
(C) 3 (D) 4

Q.6 In a school, the number of students in sections A, B and C of 10^{th} class are 70, 98 and 126 respectively. Due to overload of student in each class the administration, wants in increase the number of rooms?
(A) 14 (B) 17
(C) 21 (D) 28

Q.7 LCM of 0.12, 0.15, 0.2 and 0.54?
(A) 2.8 (B) 5.4
(C) 7.8 (D) 9.2

Q.8 Find the HCF of $\frac{5}{12}, \frac{3}{16}, \frac{7}{8}$ is :
(A) $\frac{2}{47}$ (B) $\frac{3}{47}$
(C) $\frac{1}{48}$ (D) $\frac{5}{48}$

Q.9 Five bells first begin to toll together and then at intervals of 5, 10, 15, 20 and 25 seconds respectively. After what interval of time will they toll again together?
(A) 5 min (B) 5.5 min
(C) 5.2 min (D) None

Q.10 The LCM of two numbers is 48. The numbers are in the ratio 2:3. Then sum of the numbers: -
(A) 10 (B) 20
(C) 30 (D) 40

Q.11 What will be the least number which when doubled will be exactly divisible by 12, 18, 21and 30?
(A) 420 (B) 540
(C) 630 (D) 770

Q.12 What is the side of the largest possible square brick which can be paved on the floor of a room 4 m 96 cm long and 4 m 3 cm broad?
(A) 9 cm (B) 16 cm
(C) 25 cm (D) 31 cm

Q.13 Which greatest possible length can be used to measure exactly 15 meter 75 cm, 11 meter 25 cm and 7 meter 65 cm?
(A) 255 cm (B) 265 cm
(C) 275 cm (D) 285 cm

Q.14 The least number which when divided by 16, 18 and 21, leave the remainder 3, 5 and 8 respectively is: -
(A) 982 (B) 893
(C) 1024 (D) 995

PREVIOUS YEAR QUESTION

Q.1 The HCF of two numbers is 16 and their difference is 16. Find the numbers.
(A) 64, 80 (B) 72, 88
(C) 80, 100 (D) 96, 120

Q.2 Find the LCM of 18, 33 and 37.
(A) 2442 (B) 7326
(C) 814 (D) 1221

Q.3 Find HCF of 72, 108 and 180.
(A) 72 (B) 24
(C) 12 (D) 36

Q.4 Find out the greatest four digit number when divided by 8, 12and 16 leaves 2 as remainder in every case?
(A) 9984 (B) 9985
(C) 9986 (D) 9987

Q.5 Find out the LCM of 3^5, 3^{11}, 3^{-11} and 3^{14} …….
(A) 3^5 (B) 3^{11}
(C) 3^{-11} (D) 3^{14}

Q.6 Find the least number that must be subtracted from 98534 to get a number exactly divisible by 824?
(A) 484 (B) 478
(C) 422 (D) 375

Q.7 Two numbers are in ratio 21:29 and their HCF is 8. Their LCM is.
(A) 4872 (B) 168
(C) 232 (D) 4782

Q.8 If the product of two numbers is 3192 and then LCM is 56 their then HCF is.
(A) 58 (B) 59
(C) 56 (D) 57

Q.9 Find the greatest number which on dividing 1580 and 3800 leaves remainders 8 and 1 respectively.
(A) 262 (B) 131
(C) 65.5 (D) 393

Q.10 Three numbers are in the ratio of 3:5:10 and then LCM is 630. Find their HCF.
(A) 21 (B) 42
(C) 63 (D) 36

Q.11 Find the LCM of 3.2, 2.72, 1.28 and 1.44.
(A) 24.48 (B) 2448
(C) 2.448 (D) 244.8

Q.12 3 bells ring at intervals of 36 sec, 40 sec and 48 sec respectively. They start bringing together at a particular time. They will ring together after every.
(A) 6 minutes (B) 12 minutes
(C) 18 minutes (D) 24 minutes

Q.13 The smallest perfect square divisible by each of 6, 12 and 18 is.
(A) 196 (B) 144
(C) 108 (D) 36

Q.14 The traffic lights at 4 different road crossings change after 15 sec, 18 sec, 27 sec and 30 sec respectively. If they all change simultaneously at 6:10:00 hours, then at what time will they again change simultaneously?
(A) 6:14:30 hours (B) 6:40:00 hours
(C) 6:14:00 hours (D) 10:40:00 hours

Q.15 HCF of two numbers is 19 and their LCM is 665. If one of the numbers is 95, find the other.
(A) 19 (B) 133
(C) 190 (D) 77

Q.16 Find the largest number of 3 digits exactly divisible by 15, 18, 27 and 30.
(A) 870 (B) 900
(C) 810 (D) 780

Q.17 Find the LCM of the following fractions:
$\frac{2}{3}, \frac{8}{9}, \frac{16}{27}, \frac{32}{81}$
(A) $\frac{32}{81}$ (B) $\frac{81}{32}$
(C) $\frac{32}{3}$ (D) $\frac{11}{41}$

Q.18 Find the greatest number which on dividing 3050 and 5200 leaves remainders 7 and 9 respectively.
(A) 149 (B) 111
(C) 153 (D) 179

Q.19 The HCF and LCM of two numbers are 19 and 342 respectively. When the first number is divided by 2, the quotient is 19. The other number is: -

(A) 133 (B) 171

(C) 198 (D) 114

Q.20 The LCM of two numbers is 66. The numbers are in the ratio 2:3. The sum of the number is: -

(A) 60 (B) 55

(C) 50 (D) 65

PRACTICE QUESTION

Q.1 The value of $(1 + 0.1 + 0.01 + 0.001)$is

(A) 1.001 (B) 1.011
(C) 1.003 (D) 1.111

Q.2 Which of the following has fractions on ascending order?

(A) $\frac{1}{3}, \frac{2}{5}, \frac{4}{7}, \frac{3}{5}, \frac{5}{6}, \frac{6}{7}$ (B) $\frac{1}{3}, \frac{2}{5}, \frac{3}{5}, \frac{4}{7}, \frac{5}{6}, \frac{6}{7}$

(C) $\frac{1}{3}, \frac{2}{5}, \frac{3}{5}, \frac{5}{6}, \frac{4}{7}, \frac{6}{7}$ (D) $\frac{2}{5}, \frac{3}{5}, \frac{1}{3}, \frac{4}{7}, \frac{5}{6}, \frac{6}{7}$

Q.3 Which of the following are in descending order/of their value?

(A) $\frac{5}{9}, \frac{7}{11}, \frac{8}{15}, \frac{11}{17}$ (B) $\frac{5}{9}, \frac{8}{15}, \frac{11}{12}, \frac{7}{11}$

(C) $\frac{11}{17}, \frac{7}{11}, \frac{8}{15}, \frac{5}{9}$ (D) $\frac{11}{17}, \frac{7}{11}, \frac{5}{9}, \frac{8}{15}$

Q.4 Which of the following fraction is the smallest?

(A) $\frac{13}{16}$ (B) $\frac{15}{19}$
(C) $\frac{17}{21}$ (D) $\frac{7}{8}$

Q.5 The arrangement of rational numbers $-\frac{7}{10}, \frac{5}{-8}, \frac{2}{-3}$ in ascending order is:

(A) $\frac{2}{-3}, \frac{5}{-8}, \frac{-7}{10}$ (B) $\frac{5}{-8}, \frac{-7}{10}, \frac{2}{-3}$

(C) $\frac{-7}{10}, \frac{5}{-8}, \frac{2}{-3}$ (D) $\frac{-7}{10}, \frac{2}{-3}, \frac{5}{-8}$

Q.6 The value of $34.95 + 240.016 + 23.98 = ?$

(A) 298.0946 (B) 298.111
(C) 298.946 (D) 299.09

Q.7 What is the value of 8.33% of 72.72% of 28.57% of 462?

(A) 2 (B) 4
(C) 6 (D) 8

Q.8 $1\frac{1}{2} + 11\frac{1}{2} + 111\frac{1}{2} + 1111\frac{1}{2}$ is equal to:

(A) 1236 (B) 3456
(C) 618 (D) 617

Q.9 $1 + \frac{1}{1+\frac{1}{1+\frac{1}{1+\frac{1}{1+\frac{2}{3}}}}} = ?$

(A) $\frac{21}{13}$ (B) $\frac{17}{3}$
(C) $\frac{34}{21}$ (D) $\frac{8}{5}$

Q.10 Which one is the largest among the fraction $\frac{5}{113}, \frac{7}{120}, \frac{13}{145}$, and $\frac{17}{160}$?

(A) $\frac{5}{113}$ (B) $\frac{7}{120}$
(C) $\frac{17}{160}$ (D) $\frac{13}{143}$

Q.11 What will come in place of question mark in the following question? $0.000033 \div 0.11 = ?$

(A) 0.003 (B) 0.03
(C) 0.0003 (D) 0.30

Q.12 $\frac{6.5\times4.7+6.5\times5.3}{1.3\times7.9+1.3\times6.9} = ?$

(A) 9.8 (B) 50
(C) 23 (D) 56

Q.13 If $\frac{1}{6.198} = 0.16134$ then $\frac{1}{1.006198} = ?$

(A) 16.908 (B) 0.8796
(C) 12.908 (D) 161.34

Q.14 If $\frac{9}{16}$ of the weight of a brick is $\frac{27}{8}$ kg, then $\frac{7}{12}$ of the weight of the brick will be:

(A) $\frac{7}{2}$ kg (B) $\frac{3}{7}$ kg
(C) $\frac{14}{3}$ kg (D) $\frac{3}{14}$ kg

Q.15 $0.0066 \times 270 = ?$

(A) 0.1782 (B) 17.82
(C) 1.782 (D) 0.01782

Q.16 The value of $2.005 - 1.769$ is

(A) 0.764 (B) 0.244
(C) 0.236 (D) 0.234

PREVIOUS YEAR QUESTION

Q.1 If $3\sqrt{3} = 2.236$, then $\frac{\sqrt{5}}{\sqrt{2}}$ is

(A) 1.581 (B) 1.851

(C) 2.236 (D) 1.782

Q.2 A tennis player, won 18 games out of 27 games played calculate the games won in terms of decimal.

(A) 0.667 (B) 0.067

(C) 0.50 (D) 0.333

Q.3 What fraction of 2hr is 18s?

(A) $\frac{1}{200}$ (B) $\frac{1}{300}$

(C) $\frac{1}{400}$ (D) $\frac{1}{600}$

Q.4 What is the correct ascending order for the given fractions?

(A) $\frac{22}{7}, \frac{13}{17}, \frac{11}{19}, \frac{2}{3}$ (B) $\frac{11}{19}, \frac{2}{3}, \frac{13}{17}, \frac{22}{7}$

(C) $\frac{2}{3}, \frac{11}{19}, \frac{13}{17}, \frac{22}{7}$ (D) $\frac{2}{3}, \frac{13}{17}, \frac{11}{19}, \frac{22}{7}$

Q.5 Compute $\frac{5}{7} + \frac{21}{31} + \frac{52}{23}$

(A) $\frac{18330}{4991}$ (B) $\frac{18230}{4991}$

(C) $\frac{18330}{4781}$ (D) $\frac{18320}{8781}$

Q.6 The value of $\sqrt{0.0144}$ is

(A) 0.12 (B) 0.012

(C) 1.2 (D) 0.0012

Q.7 Which of the following fractions is largest?

(A) $\frac{3}{4}$ (B) $\frac{4}{5}$

(C) $\frac{5}{6}$ (D) $\frac{7}{8}$

Q.8 The smallest of the fractions among

$\frac{5}{8}, \frac{3}{4}, \frac{13}{16}, \frac{7}{12}$ is ……

(A) $\frac{5}{8}$ (B) $\frac{3}{4}$

(C) $\frac{13}{16}$ (D) $\frac{7}{12}$

Q.9 If $\sqrt{5} = 2.236$, then $\frac{\sqrt{5}}{2}$ is

(A) 1.851 (B) 1.118

(C) 2.236 (D) 1.782

Q.10 The table tennis player, lost 12 games out of 18 games played calculate the games won in term of decimal.

(A) 0.667 (B) 0.67

(C) 0.50 (D) 0.333

Q.11 What fraction of 2 hour is 12 seconds?

(A) $\frac{1}{200}$ (B) $\frac{1}{300}$

(C) $\frac{1}{400}$ (D) $\frac{1}{600}$

Q.12 Which is the correct ascending order of the given number?

(A) $\frac{1}{2}, \frac{2}{3}, \frac{7}{12}$ (B) $\frac{7}{12}, \frac{2}{3}, \frac{1}{2}$

(C) $\frac{1}{2}, \frac{7}{12}, \frac{2}{3}$ (D) $\frac{2}{3}, \frac{1}{2}, \frac{7}{12}$

Q.13 correct expression of $0.12\overline{636}$ is

(A) $\frac{139}{1100}$ (B) $126\frac{36}{1000}$

(C) $\frac{139}{2200}$ (D) $126\frac{36}{10000}$

Q.14 Which is the correct ascending order of the given numbers?

(A) $\frac{3}{7}, 0.3, \frac{2}{7}$ (B) $0.3, \frac{2}{7}, \frac{3}{7}$

(C) $\frac{2}{7}, 0.3, \frac{3}{7}$ (D) $\frac{2}{7}, \frac{3}{7}, 0.3$

Q.15 Find the difference between the largest and smallest fraction. $\frac{3}{5}, \frac{5}{9}, \frac{7}{9}, \frac{2}{5}$

(A) $\frac{9}{17}$ (B) $\frac{6}{7}$

(C) $\frac{17}{45}$ (D) $\frac{13}{17}$

Q.16 Which value of closest to $\left[\frac{5.168 \times 4453 \times 3.194}{67.999 \times 4224.017}\right]$

(A) 0.2 (B) 0.002

(C) 2 (D) 0.02