Reasoning Mega Quiz for RRB NTPC

Q1. How many triangles are there in the following figure?

![Figure with triangles]

(a) 32  
(b) 33  
(c) 36  
(d) 35

Q2. ‘Choreographer’ is related to ‘Dance’ in the same way as ‘chef’ is related to:

(a) Raw material  
(b) Knife  
(c) Restaurant  
(d) Food

Q3. Choose the venn diagram from the given options that best illustrate the relationship among the following classes
Mumbai, Pune, India

(a) ![Option A]  
(b) ![Option B]  
(c) ![Option C]  
(d) ![Option D]
Q4. Which number will come next in the following series?
68, 129, 220, ?, 516
(a) 330  
(b) 371  
(c) 249  
(d) 347

Q5. Select the set of numbers that is similar to the following set of numbers
{14, 43, 130}
(a) {7, 22, 67}  
(b) {8, 22, 66}  
(c) {4, 15, 61}  
(d) {6, 20, 62}

Q6. If, in a certain code, EDITION is written as WXSHSMN, Which would be coded as LPAKMNC?
(a) PLAOQNZ  
(b) PLAQONY  
(c) LPAOQNP  
(d) PLQANOY

Q7. In a certain code language, ‘ROCK’ is written as ‘2579’ and ‘TIDE’ is written as ‘1364’. How will ‘DOCTOR’ be written in the same code language?
(a) 657152  
(b) 765125  
(c) 675125  
(d) 651521

Q8. Three of the following four-letter-clusters are a like in a certain way and one is different. Find the odd one out.
(a) DWHS  
(b) IRMN  
(c) AZEU  
(d) FUJQ

Q9. Which letter-cluster will replace the question mark (?) in the following series?
GWE, HVD, IUC, JTB, ?
(a) KSA  
(b) LSA  
(c) LAS  
(d) KAS
Q10. Select the word pair in which the two words are related in the same way as are the two words in the following word.
Numismatist : Coins
(a) Philatelist : Stamps
(b) Jeweller : Jewels
(c) Cartographer : Maps
(d) Geneticist : chromosomes
L1 Difficulty 4

Q11. Three of the following four number-pairs are alike in a certain way and one is different. Find the odd one out.
(a) 9 - 63
(b) 6 - 42
(c) 8 - 56
(d) 5 - 40

Q12. Which option gives the two signs that need to be interchanged to make the given equation correct?
6 - 20 ÷ 12 × 7 + 1 = 70
(a) ÷ and +
(b) × and –
(c) × and +
(d) ÷ and ×

Q13. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.
(a) 5, 2, 1, 4, 3
(b) 2, 5, 4, 1, 3
(c) 2, 5, 1, 4, 3
(d) 1, 2, 3, 4, 5

Q14. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the given number pair.
9 : 85
(a) 7 : 53
(b) 3 : 12
(c) 8 : 65
(d) 5 : 27
Q15. Select the option that related to the third term in the same way as the second term is related to the first term
BEHK : GDMJ :: ORUX : ?
(a) TSZW
(b) TQWA
(c) TQZW
(d) TQZX

Q16. Abhishek started from a point A and walked 30 m towards south. He turned left and walked 40 m. He then turned left again and walked 30 m. He again turned left and walked 70 m. and reached a point B. How far and in which direction is point B with respect to point A?
(a) 15 m, east
(b) 30 m, west
(c) 30 m, east
(d) 15 m, west

Q17. Select the option that is related to the third term in the same way as the second term is related to the first term.
CEGI : ACEG :: RTVX : ?
(a) PRTU
(b) PRTV
(c) PSTV
(d) PRVT

Q18. Which number will come next in the following series?
27, 9, 125, 25, 253, ?, 729
(a) 49
(b) 56
(c) 81
(d) 64

Q19. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the given number pair.
520 : 350
(a) 68 : 30
(b) 125 : 27
(c) 25 : 36
(d) 350 : 49

Q20. If ‘$’ stands for addition, ‘@’ stands for subtraction, ‘#’ stands for multiplication and ‘&’ stands for division, then what is the value of
24 # 16 $ 72 & 6 @ 12 ?
(a) 221
(b) 312
(c) 384
(d) 242
Q21. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair. (in the same order)

**Trait: Disloyalty**
(a) Executioner: Reliability
(b) Rebel: Defiance
(c) Manager: Administration
(d) Hope: Pessimism

Q22. Three of the following four words are alike in a certain way and one is different. Find the odd one out.
(a) Mercury
(b) Earth
(c) Venus
(d) Sun

Q23. Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

**Statements**
Some computers are laptops
All laptops are bags

**Conclusion**
I. Some bags are laptops
II. All computers are bags
(a) Only Conclusion I follows
(b) Only Conclusion II follows
(c) Both Conclusion follows
(d) Neither I Nor II follows

Q24. Which number in the given series is Incorrect?
4, 9, 19, 38, 79, 159
(a) 38
(b) 79
(c) 19
(d) 9

Q25. Exercise is to obesity as Water is to ___?
(a) Thirst
(b) Alcohol
(c) Drink
(d) Purity