Reasoning Mega Quiz for SSC Tier-1

Directions (1-4): In each of the following questions, a series is given with one team missing. Choose the correct alternatives from the given choices that will complete the series.

Q1. ABC PQR DEF STU?
(a) VUX
(b) GHI
(c) IHS
(d) JKL

Q2. 2, 3, 5, 9, 17, ?
(a) 30
(b) 35
(c) 33
(d) 36

Q3. 7, 12, 22, 42, 82, ?
(a) 112
(b) 162
(c) 172
(d) 152

Q4. ACE, BDF, CEG, ?
(a) DFE
(b) DFH
(c) DHF
(d) DEF

Directions (5-8): In each of the following questions, a series is given, with one missing term. Choose the correct alternative from the given choices that will complete the series.

Q5. 10000, 11000, 9900, 10890, 9801, ?
(a) 10361
(b) 10525
(c) 10781
(d) 10871
Q6. 4, 8, 28, 80, 244, ?
(a) 152
(b) 328
(c) 528
(d) 728

Q7. 165, 195, 225, 285, 345, ?
(a) 375
(b) 490
(c) 320
(d) 305

Q8. 4, 10, ?, 82, 244, 730
(a) 30
(b) 28
(c) 65
(d) 74

Q9. Find the next term in the series
BMO, EOQ, HQS, ?
(a) KSU
(b) LMN
(c) SOV
(d) None of these

Q10. Find the missing term of the series
ADVENTURE, DVENTURE, DVENTUR, ?, VENTU
(a) VENTUR
(b) DVENT
(c) DVETNU
(d) None of these

Directions (11-12): In each of the following questions, find out which of the letter-series follows is the given rule.

Q11. Number of letters skipped in between adjacent letters in the series is two
(a) MPSVYBE
(b) QSVYZCF
(c) SVZCGJN
(d) ZCGKMPR
Q12. Number of letters skipped in between adjacent letters do not decrease in order.
(a) EQZFI
(b) GWIQU
(c) MGVFK
(d) PJXHM

Directions (13-15): Study the letter-series given below and answer the questions that follow:
H D Y S M W N B Q P O C R T B L Z V E G U F

Q13. Which two neighbours in the given arrangement are farthest in the alphabetical order?
(a) B and Q
(b) D and Y
(c) U and F
(d) V and E

Q14. Which letter has the same neighbours as in the alphabetical order though they have changed places?
(a) M
(b) N
(c) O
(d) P

Q15. Which three letters have the same distance as they have in the alphabetical order though they have changed places?
(a) HMP
(b) NQZ
(c) QOE
(d) YLE

Directions (16-20): Letters of the words given below have been jumbled up. You are required to construct the words. Each letter has been numbered and each word is followed by four options. Choose the option which gives the correct order of the letters as indicated by the numbers to form words.

Q16. T I R B H G
    1 2 3 4 5 6
(a) 1, 3, 2, 4, 6, 5
(b) 3, 2, 6, 5, 4, 1
(c) 4, 3, 2, 6, 5, 1
(d) 4, 5, 2, 3, 6, 1
Q17. NROCTA
1 2 3 4 5 6
(a) 1, 6, 2, 4, 3, 5
(b) 2, 3, 5, 4, 6, 1
(c) 4, 6, 2, 5, 3, 1
(d) 6, 5, 2, 3, 1, 4

Q18. KATCEL
1 2 3 4 5 6
(a) 1, 2, 4, 5, 6, 3
(b) 3, 2, 4, 1, 6, 5
(c) 4, 2, 3, 1, 5, 6
(d) 6, 5, 3, 2, 4, 1

Q19. RTANUE
1 2 3 4 5 6
(a) 1, 3, 2, 6, 4, 5
(b) 3, 2, 4, 6, 1, 5
(c) 4, 3, 2, 5, 1, 6
(d) 4, 6, 5, 2, 3, 1

Q20. NAEHLD
1 2 3 4 5 6
(a) 2, 1, 6, 4, 3, 5
(b) 2, 6, 4, 3, 5, 1
(c) 4, 2, 1, 6, 5, 3
(d) 4, 3, 6, 5, 2, 1

Q21. Ramesh is richer than Satish but Jaya is less rich than Ramesh. Ram is less rich than Jaya but richer than Satish, but is not as rich as Ramesh. Ramesh is less rich than Navin. The richest amongst them is?
(a) Ramesh
(b) Satish
(c) Navin
(d) Jaya

Q22. From the given alternative words, select the word which cannot be formed using the letters of the given word:
CARPENTER
(a) NECTAR
(b) CARPET
(c) PAINTER
(d) REPENT
Q23. If FRIEND is coded as HUMJTK, how can CANDLE be written in that code?
(a) EDRIRL
(b) ESJFME
(c) DCQHQK
(d) DEQJQM

Q24. If A denotes –, C denotes ×, D denotes ÷, E denotes +, then 14C3A12E4D2 = ?
(a) 6
(b) 17
(c) 28
(d) 32

Q25. If 879 = 8, 625 = 1, 586 = 9, then 785 = ?
(a) 6
(b) 7
(c) 8
(d) 9

Q26. Find the missing number from the given alternatives:

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<table>
<thead>
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<td>6</td>
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<td>5</td>
</tr>
<tr>
<td>6</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>90</td>
<td>65</td>
<td>?</td>
</tr>
</tbody>
</table>

(a) 54
(b) 44
(c) 34
(d) 26

Q27. Sham goes to his friend's house that is straight 10 Km from his house. On his way back, he takes a right turn and walks 2 Km and again takes a right turn and walks for 10 Km before he takes a right turn again. How much distance is Sham still away from his house?
(a) 10 Km
(b) 8 Km
(c) 12 Km
(d) 2 Km
Q28. One or two statements are given followed by two conclusions, I and II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given conclusions/assumptions can definitely be drawn from the given statement. Indicate your answer.

Statement:
All boys are tall.
Rajiv is a boy.

Conclusion
I: Rajiv is tall.
II: Rajiv is not tall.
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusion I and conclusion II follow
(d) Neither conclusion I nor conclusion II follows

Q29. How many triangles are there in the question figure?

(a) 6
(b) 10
(c) 12
(d) 16

Q30. Which of the following diagrams represent the relationship between Awards, Pulitzer Prize and Oscars?

(a)

(b)

(c)

(d)