ANSWER WITH EXPLANATION

1. (c)

MN   PQ   TU   YZ   EF

    +2   +3   +4   +5
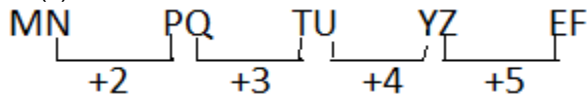
2. (c)
$2^3 + 2 = 10$
$3^3 + 2 = 27$
$4^3 + 2 = 66$
$5^3 + 2 = 127$
$6^3 + 2 = 218$

3. (d)
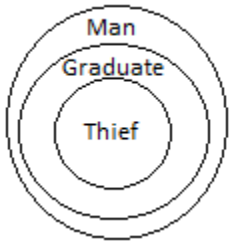
4. (b)
Required temperature of sixth day =
$[41 \times 6 - 201] = 45°C$

5. (c)
The correct sequence according to dictionary.
Umbrella → unicorn → uniform → unitary.

6. (c)
ARMS → 5467
LIAR → 1254
SMALL → 76511

7. (c)
$(15 + 6) \times 4 = 84$
$(30 + 8) \times 4 = 152$
$(20 + 5) \times 4 = 100$

8. (b)
$505 \div 5 - 4 + 20 \times 5 = 101 - 4 + 100 = 197$

9. (a)
Speed of Duranto > speed of Rajdhani > Speed of Shatabdi > Sped of Garib Rath
So, Garib rath is slowest.

10. (d)
The correct sequence according to dictionary.
Abominable, accumulate, Amalgamable, Amateur

11. (b)
Sound is related to medium and light is related to Vacuum.

12. (c)
$T + 2 = V$, $R + 6 = X$
Similarly, $M + 2 = O$, $K + 6 = Q$

13. (b)
CD is two subsequent letters of opposite letters of ZY.
Similarly SR and OQ are related to each other.

14. (d)
2^3, 3^3, 4^3, 5^3

15. (d)
Perpendicular, base, hypotenuse all are related to perimeter of right-angle triangle.

16. (d)
Except wz, both letters have +4 gap between them.

17. (d)
$3 + 2 = 5$
$4 + 3 = 7$
$2 + 4 = 6$, but $5 + 6 = 11 ≠ 4$

18. (d)
Here, middle digit = (first digit + last digit)^2
$192 = (1 + 2)^2 = 9$

19. (b)
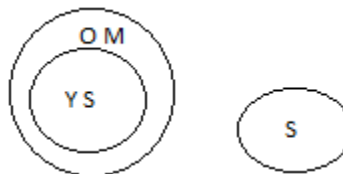Bit, byte, kilobyte, megabyte, Gigabyte.

20. (c)
$B + 2 = D$, $E + 2 = G$, $H + 2 = J$, $K + 2 = M$

21. (d)

22. (c)
$13 + 12 \times 1 = 25$
$25 + 12 \times 2 = 49$
$49 + 12 \times 3 = 85$
$85 + 12 \times 4 = 133$

23. (c)

24. (d)
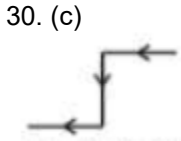Puja > Nisha > Riya > Nikita > Amrita

25. (c)

26. (d)

27. (d)
$99 \times 15 = 1485$
$31 \times 17 = 527$

91 × 18 = 1638

28. (a)
315 ÷ 3 − 9 + 4 × 6
= 105 − 9 + 24
= 120

29. (a)
M N/ M N O / M N O P/ M N O P Q

30. (c)

31. (b)
8   5   3   ©   2   δ
N   Q   H   T   F   N
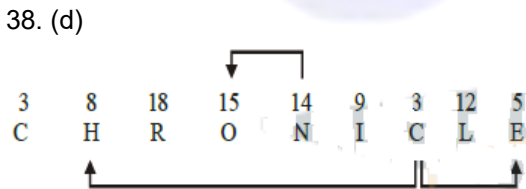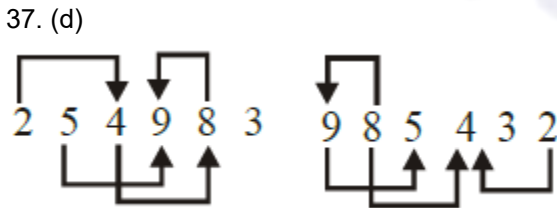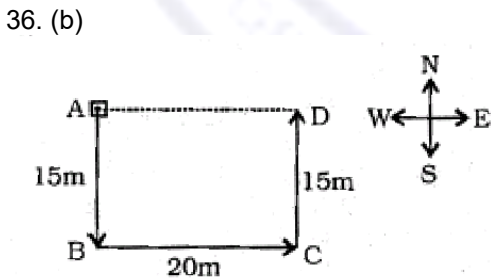Condition (i) is applicable.

32. (a)   4 $ %   3   *   6
                 P   A   M   H   U   I

33. (d)   9   © $ 3   %   6
                  R   T   A   H   M   R
Condition (iii) is applicable.

34. (d) 7   2   8   %   9 $
                B   F   N   M   R   A

35. (c) ©   7   δ   5   4   1
                J   B   E   Q   P   T
Condition (ii) is applicable.

36. (b)

37. (d)

2 5 4 9 8 3   9 8 5 4 3 2

38. (d)

3   8   18   15   14   9   3   12   5
C   H   R   O   N   I   C   L   E

39.(c)
$20 - 16 + 4 \times 3 \div 2 = ?$
$\Rightarrow ? = 20 + 16 \div 4 - 3 \times 2$
$\Rightarrow ? = 20 + 4 - 6 = 18$

40. (d)
Maternal grandfather's only child means mother of Sudhir. Therefore, the boy in the photograph is either Sudhir or his brother.
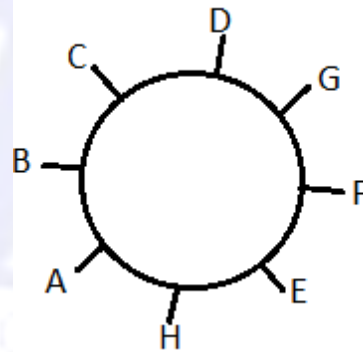
41. (b) Letter Number Letter
This is only one such combination : 72F

42. (a) Number Consonant Symbol
There is no such combination.

43. (b) 6th to the left of the 14th from the left end means 8th from the left end i.e. 1.

44. (d)
4 + 7 => D + 7 => I + 7 =>6
3 + 7 => © + 7 => T + 7 =>B
H + 7 => E + 7 => U + 7 =>7

45. (d)

Direction (46-50) :

46. (a) B is third to the right of G.

47. (b) D sitting between G and C.

48. (c) F is third to right of A.

49. (a) G is to the immediate left of D.

50. (c) A is fourth to the left of G.

[If any query about these questions please contact 8167092555 from 10 am to 6 pm.]