ANSWER WITH EXPLANATION

1. (c)
E > A > C , B > D
Here A is the second heaviest,
So E is the heaviest

2. (a)

3. (b)
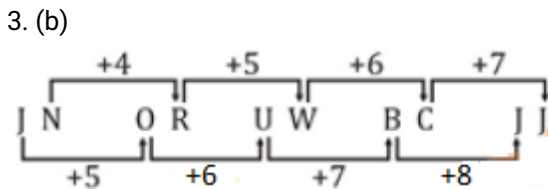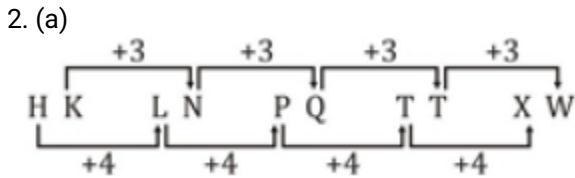
4. (d)
According to problem,
Sourav = Piyush + 8
If Piyush's age is 8 yrs then Sourav is 16 yrs (double of Piyush)

5. (d)

6. (c)
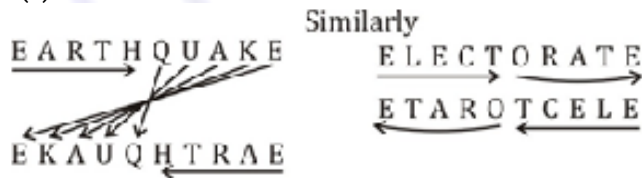
7. (b)
8 a 3 c 2 4 b 12 d 19
= 8 × 3 + 24 ÷ 12 − 19
= 7

8. (b)
2 × 4 × 6 = 48, 3 × 2× 8 = 48 and 2 × 5× 7 = 70
Here + is replaced by '×' to get required result.

9. (d)
Pattern is
$$\frac{28}{7} \times 5 = 20$$
$$\frac{84}{12} \times 5 = 35$$
and $\frac{45}{9} \times 5 = \boxed{25}$

10. (d)

11. (d)
Foundation is the main part or the first thing after that rest are made.

12. (a)
Pair of reverse letters except DU.

13. (c)
+1 series

14. (a)
-3 series

15. (d)
'Liberal' ; There is no double 'l' in the given word.

16. (d)
4 ÷ 16 × 5 + 4 − 2
⇒ 4 × 16 + 5 − 4 ÷ 2
⇒ 4 × 16 + 5 − 2
⇒ 64 ı 5   2
⇒ 67

17. (a)

18. (a)

19. (c)

20. (d)
Car runs on road similarly Train runs on track.

21. (a)
 First is the remedy for second.

22. (d)
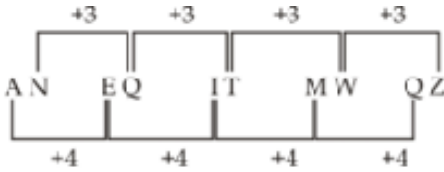 Birds fly in sky, sky is called earth. So, earth is the correct answer.

23. (b)
After changing sign
   15 × 24 ÷ 12 − 5 + 8
= 15 × 2 − 5 + 8
=33

24. (d)
 Each consonant in the word is moved one step forward to obtain the corresponding letter of the code, while the vowels remain unchanged.
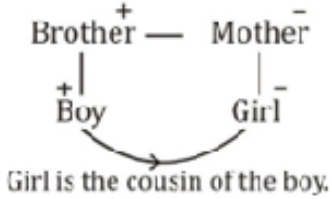
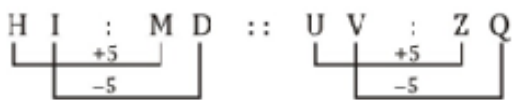**25. (a)**
The series is +3, +4, +5, +6, +7

26. (a)

```
      +3      +3      +3      +3
   ┌────┐ ┌────┐ ┌────┐ ┌────┐
   A N    E Q    I T    M W    Q Z
   └──────┘└──────┘└──────┘└──────┘
      +4      +4      +4      +4
```

27. (b)
+5 series

28. (c)

```
        +              −
   Brother  ───  Mother
        +│             │−
      Boy           Girl
        └──────────────┘
                →
```
Girl is the cousin of the boy.

29. (d)

King (Queen (Beautiful))

30. (c)

31. (b)
305 B 5 A 28 C 43 D 12
⇒ 305 ÷ 5 − 28 + 43 × 12
⇒ 61 − 28 + 516
⇒ 577 − 28
⇒ 549

32. (c)

33. (c)
```
   H I  :  M D  ::  U V  :  Z Q
   └─+5─┘      └─+5─┘
    └──−5──┘       └──−5──┘
```

34. (a)
```
   10 11        20 22         15 16        30 32
    J  K   :    T  V   ::     O  P   :     D  F
    └─×2─┘    ×2                └─×2─┘    ×2
       └──×2──┘                   └──×2──┘
```
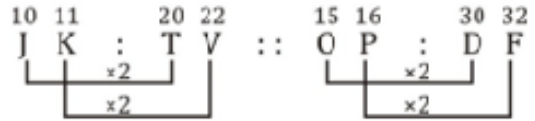
35.(d)
i. claim   ii. clearly   iv. clerical   iii. Clerk

36. (c)
Difference between letters is 2.

37. (a)
The first, second, third, fourth, and fifth letters in the word are moved one, two, three, four, and five steps forward respectively to obtain the corresponding letters of the code.
So, BROTHER - > CTRXMKY

38. (a)
35 − (16 + 12) = 7;   40 − (15 + 14) = 11.
So, 86 − (30 + 24) = 32.

39. (a)
pqr/qrp/rpq/pqr/qrp

40. (d)
After Changing signs according to the question, the new equation will be-
40 ÷ 5 + 4 × 10 − 5 = 43