

Q.1 Tick (✓) the correct option :

(a) The next three numbers for the pattern 2, 6, 10 are:

- (i) 12, 16, 20 ☐ (ii) 14, 17, 21 ☐ (iii) 14, 18, 22 ☐

(b) The next two numbers for the pattern 34, 45, 56, 67 are:

- (i) 78, 98 ☐ (ii) 78, 89 ☐ (iii) 89, 90 ☐

(c) The next one number for the pattern B-2, C-3, D-4, E-5 is:

- (i) F-6 ☐ (ii) F-7 ☐ (iii) G-6 ☐

(d) The next one number for the pattern A-10, C-8, E-6, G-4 is:

- (i) I-2 ☐ (ii) H-2 ☐ (iii) H-3 ☐

(e) Choose the option which fits in correctly for the (?) in the following table:

| | | |
|----|----|----|
| 23 | 45 | 36 |
| 28 | 48 | 41 |
| 33 | 51 | 46 |
| 38 | 54 | 51 |
| 43 | 57 | 56 |
| ? | ? | ? |

- (i) 53, 63, 75 ☐

- (ii) 61, 60, 48 ☐

- (iii) 48, 60, 61 ☐

(f) The sixth number for the pattern 22, 44, 66, 88 is:

- (i) 110 ☐ (ii) 132 ☐ (iii) 154 ☐

(g) The next number for the pattern 33, 66, 99 is:

- (i) 132 ☐ (iii) 165 ☐ (ii) 122 ☐