(B) Solve the following subquestions (any two):

- G
- (i) Solve the simultaneous equations by using graphical method:

$$x + 3y = 7$$

$$2x + y = -1$$

- (ii) There is an auditorium with 27 rows of seats. There are 20 seats in the first row, 22 seats in the second row, 24 seats in the third row and so on. Find how many total seats are there in the auditorium?
- (iii) Sum of the present ages of Manish and Savita is 31 years. Manish's age 3 years ago was 4 times the age of Savita at that time. Find their present ages.
- (iv) Solve the following quadratic equation using formula :

$$x^2 + 10x + 2 = 0$$

- Solve the following subquestions (any two):
 - (i) If 460 is divided by a natural number, then quotient is 2 more than nine times the divisor and remainder is 5. Find the quotient and divisor.

Maths Question Paper For Ssc 23

SJ Ball

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