

## Question no. 2

- ①  $3x$  plus 8 is equal to 15.
- ②  $7$  decreased by  $y$  is greater than  $x$
- ③  $2y$  decreased by  $x$  is smaller than 12
- ④ 5 divided by  $z$  is equal to 5.
- ⑤  $A$  increased by 25 is greater than 18.

- (vi)  $2x$  decreased by  $3y$  is equal to 16.
- (vii)  $3a$  decreased by 16 is greater than 14.
- (viii)  $b$  ~~plus~~ increased by 7a less than 21.
- (ix) The sum of 16 and  $2a$  decreased by  $x$  is greater than 25.
- (x) The sum of  $3x$  and 12 decreased decreased by  $y$  is less than  $3a$ .

### Question 03

i) True

ii) False

iii) True

iv) False

v) True

vi) False

vii) True

viii) True

ix) True

x) False

xi) True

xii) False

## Question 05

- i) True
- ii) False
- iii) True
- iv) False
- v) False
- vi) True.

## Question 07

- i) Coefficient of  $x$  is  $1$ .
- ii) Coefficient of  $x$  is  $-x$  is  $-2$ .
- iii) Coefficient of  $x$  in  $-3x$  is  $-3$ .
- iv) Coefficient of  $x$  in  $-5ax$  is  $-5a$ .
- v) Coefficient of  $x$  in  $\frac{3}{2}xy$  is  $\frac{3}{2}y$ .
- vi) Coefficient of  $x$  in  $\frac{ax}{y}$  is  $\frac{a}{y}$ .