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PURE MATH

ALGEBRA AND FUNCTION

Level & Board	EDEXCEL (A-LEVEL)
TOPIC:	SIMULTANEOUS
PAPER TYPE:	QUESTION PAPER 2
TOTAL QUESTIONS	8
TOTAL MARKS	38

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Questions

Q1.

Solve simultaneous equations by substitution method.

$$2x - y = 14$$
$$3x + 2y = 70$$

(5) (Total for question = 5 marks)

Q2.

Solve the simultaneous equations.

3a + 2b = 32a + b = 1

(5) (Total for question = 5 marks)

Q3.

Solve the simultaneous equations.

$$-5x + 6y = 13$$
$$5x + 2y = 11$$

(4) (Total for question = 4 marks)



Solve the simultaneous equation by substitution method.

x = y - 5x + y = 5

(5) (Total for question = 5 marks)

Q5.

Solve the simultaneous equation.

$$2x + 3y = 8$$
$$2x + 5y = 12$$

(5) (Total for question = 5 marks)



Solve this pair of simultaneous equations.

$$y = 10 + x$$
$$2x - y = 5$$

(5)

(Total for question = 5 marks)

Q7.

Solve the simultaneous equations by substitution method.

$$4y + 8x = 12$$
$$3y - 5x = 20$$

(5) (Total for question = 5 marks)



Solving simultaneous equationss

2x - 3y = 13x + 2y = 8

(5)

(Total for question = 5 marks)



DR. ASHAR RANA



- Founder & CEO of Chemistry Online Tuition Ltd.
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- · Chemistry, Physics, and Math's Tutor

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