Phone: +442081445350

www.chemistryonlinetuition.com

Emil:asherrana@chemistryonlinetuition.com

PURE MATH

ALGEBRA AND FUNCTION

Level & Board	EDEXCEL (A-LEVEL)
TOPIC:	SIMULTANEOUS
PAPER TYPE:	QUESTION PAPER 1
TOTAL QUESTIONS	8
TOTAL MARKS	38

Questions

Q1.

Use elimination to solve the simultaneous equations

$$7x + 4y = 17$$
$$3x - 2y = 11$$

(4)
(Total for question = 4 marks)

Q2.

Solve the simultaneous equations

$$y = 3x + 1$$
$$y^2 = 4x^2 - x + 7$$

(5)
(Total for question = 5 marks)

I am Sorry !!!!!

Q3.

Solve the simultaneous

$$-3x + 4y = 6$$
$$-2x - 3y = -13$$

(4)

(Total for question = 4 marks)

Q4.

Use the elimination method to solve the simultaneous equations

$$\frac{2}{3}x + \frac{3}{4}y = \frac{17}{24}$$
$$\frac{4}{3}x + \frac{5}{3}y = \frac{3}{2}$$

(5)

(Total for question = 5 marks)

I am Sorry !!!!!

Q5.

Solve algebraically the simultaneous equations.

$$2x^2 - y^2 = 17$$
$$x + 2y = 1$$

(5)

(Total for question = 5 marks)

Q6.

Solve the simultaneous equations

$$2m - 3p = 13$$
$$5m + p = 7$$

(5)

(Total for question = 5 marks)

Dr. Ashar Rana

Q7.

Using elimination, solve the simultaneous equations

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

(5)

(Total for question = 5 marks)

Q8.

Solve the simultaneous equations
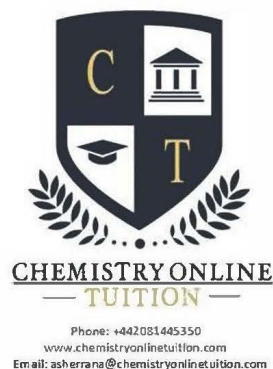
$$4x + 2y = 6$$
$$5x - 2y = 12$$

(5)

(Total for question = 5 marks)

I am Sorry !!!!!

DR. ASHAR RANA

Phone: +442081445350
www.chemistryonlinetuition.com
Email: asherrana@chemistryonlinetuition.com

- Founder & CEO of Chemistry Online Tuition Ltd.

- Tutoring students in UK and worldwide since 2008

- CIE & EDEXCEL Examiner since 2015

- Chemistry, Physics, and Math's Tutor

CONTACT INFORMATION FOR
CHEMISTRY ONLINE TUITION

- UK Contact: 02081445350

- International Phone/WhatsApp: 00442081445350

- Website: www.chemistryonlinetuition.com

- Email: asherrana@chemistryonlinetuition.com

  Address: 210-Old Brompton Road, London SW5 0BS, UK