



THE COLLEGE OF
OPTOMETRISTS

Stage Two

Overarching case scenario 39

AGE AND GENDER Female Aged 23 years

ETHNIC BACKGROUND Caucasian

OCCUPATION AND HOBBIES Primary School Teacher: occasional VDU use; drives: jewellery making

PRESENTING SYMPTOMS AND HISTORY Occasional horizontal diplopia when tired, words sometimes "run into each other" when reading. Mother has high blood pressure, and glaucoma diagnosed recently.

GENERAL HEALTH AND MEDICATION Hayfever, medication taken as required

PRESENT Rx, CENTRATION AND ACUITIES none

PD/NCD 67/62 at 25 cm

VISION RE: 6/5-3 LE: 6/5

PINHOLE VISION RE: 6/5-1 LE: 6/5-1

REFRACTION RE: -0.50/+0.25 x 85 LE: -0.25DS

VA Distance RE: 6/5 LE: 6/5

Near RE: N5 at 25cm LE: N5 at 25cm (habitual working distance)

ACCOMMODATION RE: 9.0 LE: 9.0 Binoc 6.0

BINOCULAR STATUS with Rx Maddox Rod 2 Δ exo
Maddox Wing 8 Δ exo
Mallett Distance no slip
Near 2 Δ base IN RE

MOTILITY full, no diplopia

CONVERGENCE NPC = 20cms

PUPIL REACTIONS Direct, consensual and near reflexes present

FUNDUS EXAMINATION see attached

FIELDS see attached

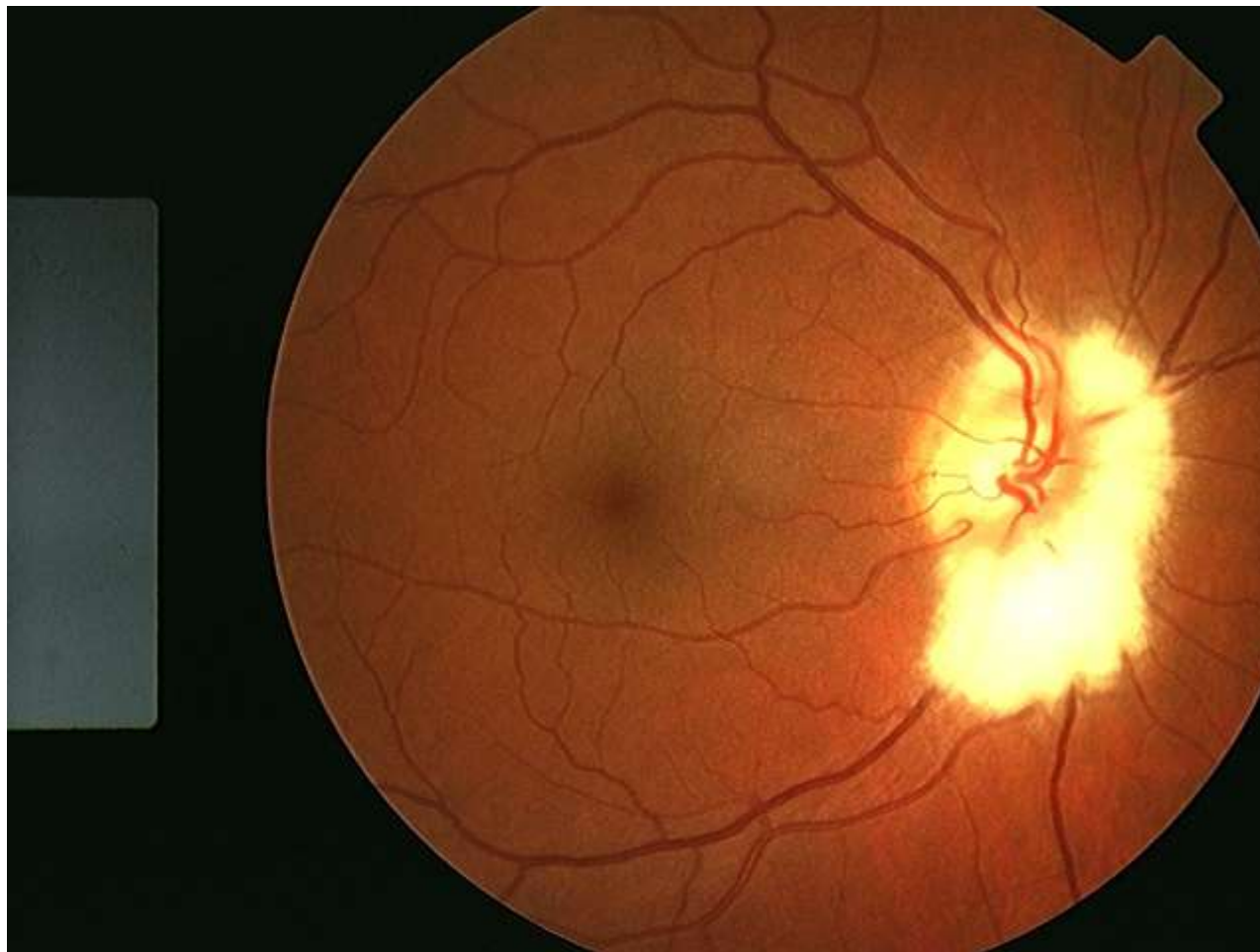
IOP RE: 14 mmHg LE: 13mmHg AO NCT 2.40pm

EXTERNAL EYE EXAMINATION see attached

KERATOMETRY RE: 8.10 @ 170 8.00 @ 80
LE: 8.05 @ 180 7.95 @ 90

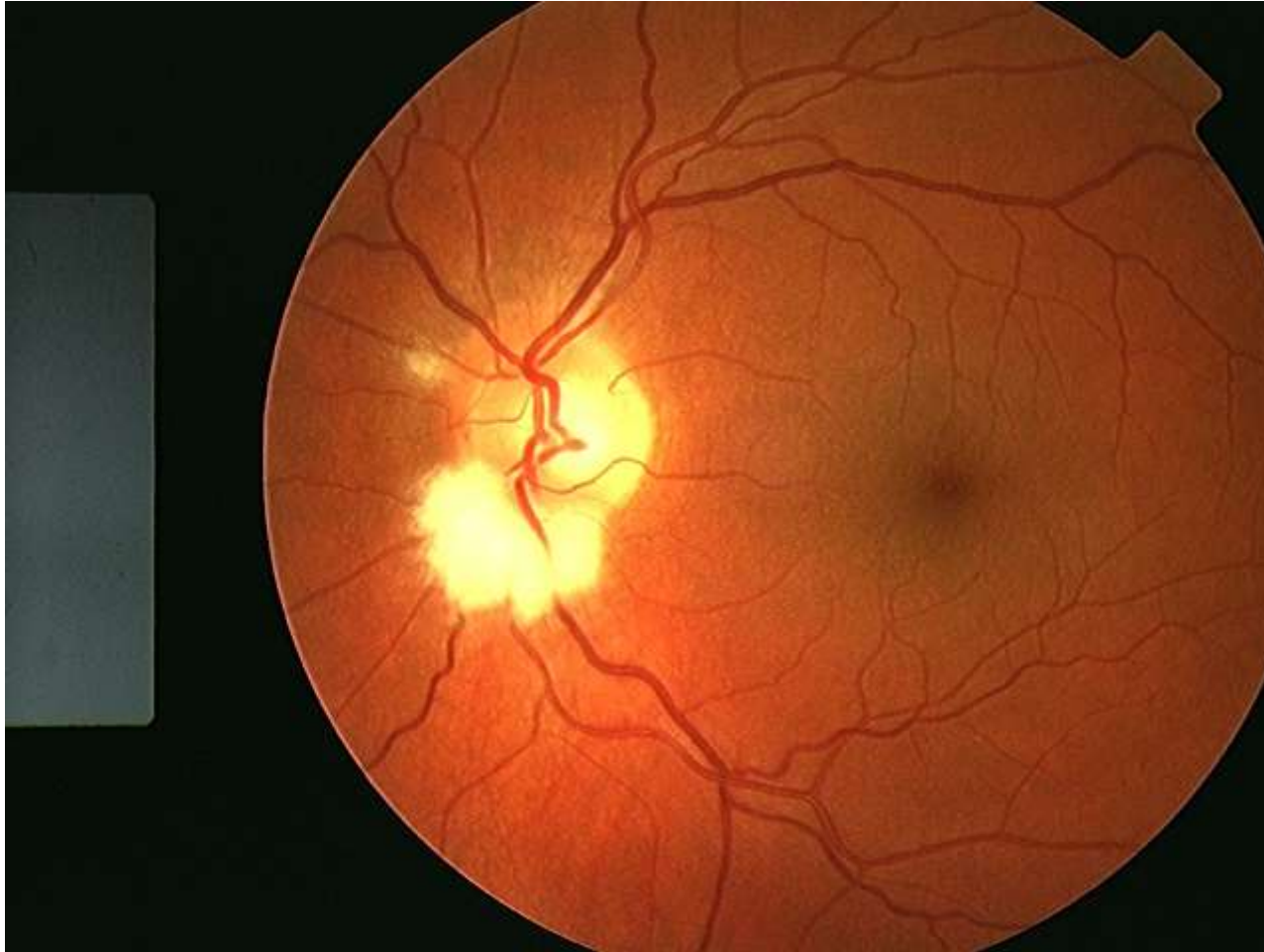
COLOUR VISION see attached

Fundus RE



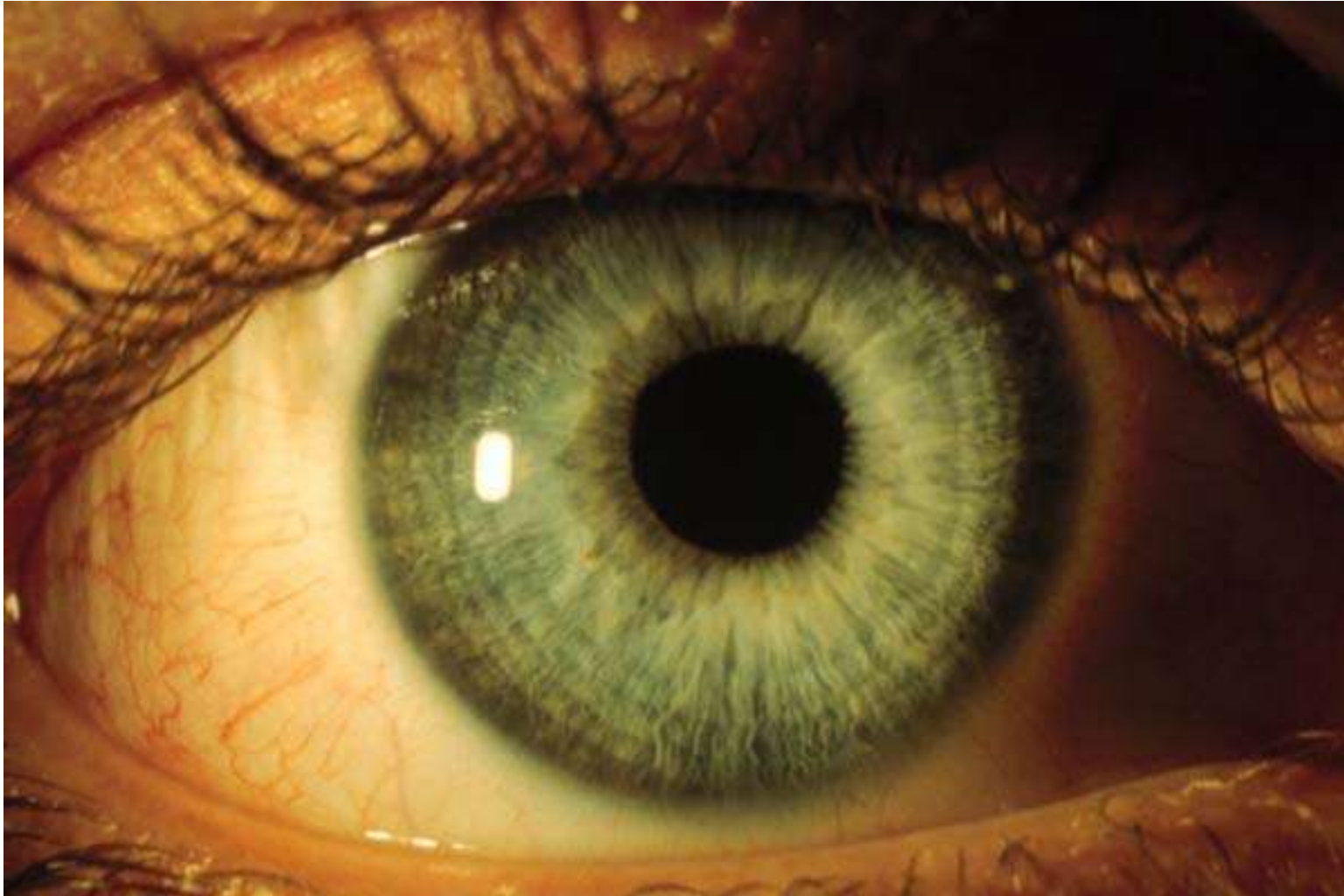
R39

Fundus LE



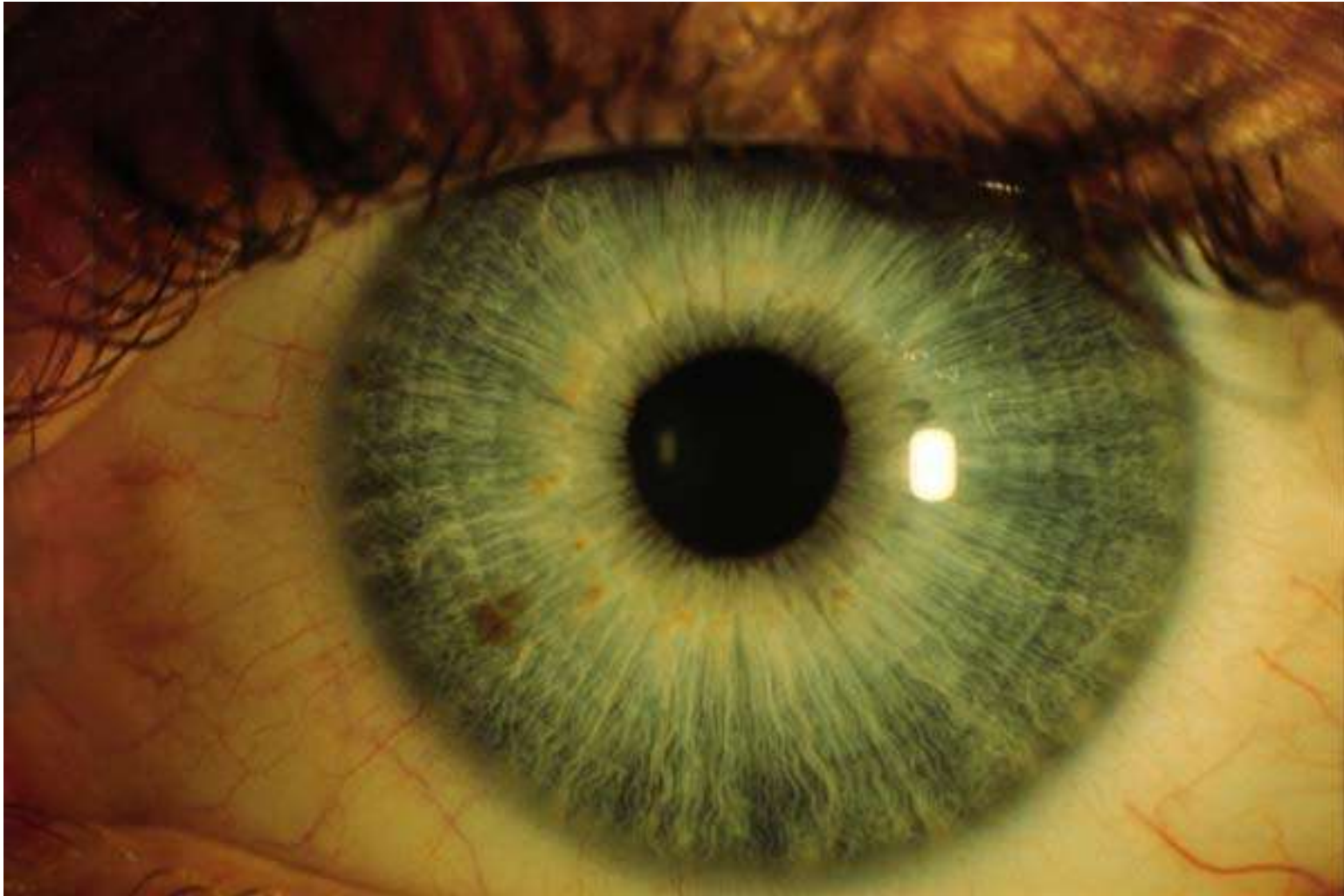
R39

External Eye RE



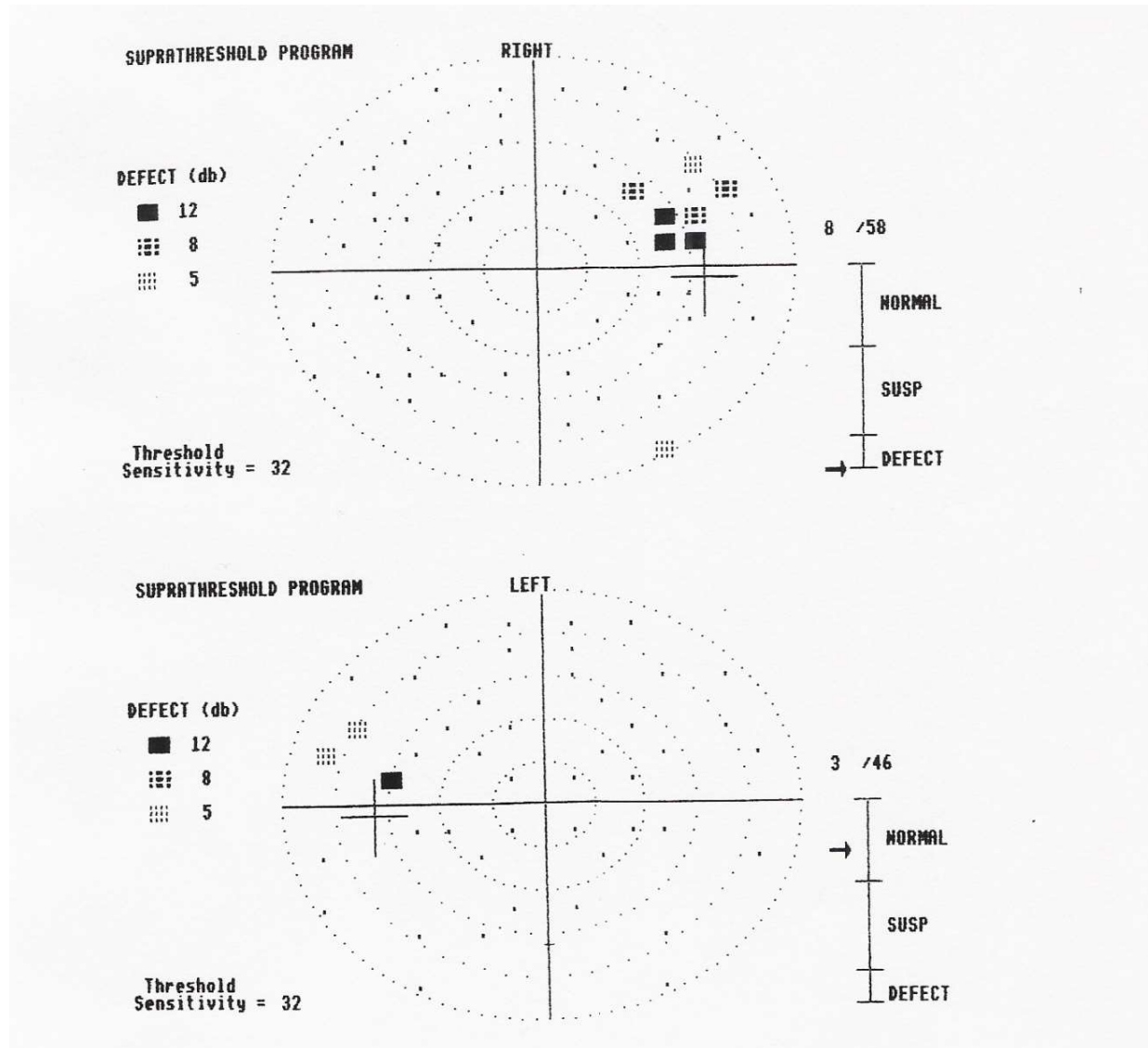
R39

External Eye LE



R39

Field RE & LE



Colour Vision RE

City University Colour Vision Test (3rd Edition 1998)

Subject: Address:

Male/Female: Examiner: Date:

Spectacles worn?: Eye(s) tested (delete as needed): both RE LE

Viewing at 40cm approx. Illumination ('Daylight' type) level: Lux:

Part One, screening / selection: PD or Tritan

FORMULA: Here are some rows of 3 coloured spots, each page has four rows.
Please do not touch the pages.

Starting with the left row at the top of the page, tell me if the colour of one of the 3 spots is different from the colour of the other two spots in the same row.

The three colours may be the same.

In the top right hand row at the top of the page, is there a different colour?

And the other rows, is there a different colour in one or both rows?

Symbols	Page number			
	1	2	3	4
<input type="checkbox"/> Should be seen by all subjects	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> R/G defect may miss	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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No. seen on each page:

TOTAL correctly seen:

RECORD: Complete Part One of the person's record sheet with a cross 'X' over each spot chosen as **different in colour** from the other two spots in the **same** row of three spots. (see example)

INTERPRETATION: 10 or 9 spots correctly seen suggests normal colour vision, at least 'adequate' for most every-day purposes. If less than 8 - refer to instructions.

City University Colour Vision Test (3rd Edition 1998)

Part Two, detection / selection: Protan, Deutan or Tritan

FORMULA: Here are 4 coloured spots around the one in the centre.
Please do not touch the pages.

Tell me which spot looks most like the colour of the one in the centre.

Use the words 'TOP', 'BOTTOM', 'RIGHT' or 'LEFT'.

(Note: Indicate any variation from part ONE as to eye(s) tested, etc.)

INTERPRETATION

Page (D is for demonstration)	Subject's choice of match and eye(s): R, L, Both	Normal	Protan	Deutan	Tritan
5		R	B	L	T
6		L	R	T	B
7		R	L	B	T
8		L	T	R	B
9		R	L	B	T
10		R	L	B	T

SCORE:

RECORD: Complete Part Two of the person's record sheet with name, date, etc., R, L, Both eyes, as appropriate.

Mark correct spaces with person's response (B, R, L, T) clearly.

A 'score' out of 6 may be indicated if required. (see example given)

INTERPRETATION: A 'normal response' score of 6 suggests that colour vision is at least 'adequate' for most every-day purposes.

If **more** than ONE entry 'Protan', 'Deutan', or 'Tritan', refer to appendix 3.

PROFESSIONAL OPINION, as appropriate =

Keeler Ltd., Clewer Hill Road, Windsor, Berkshire SL4 4AA
U.K. Tel: +44 (0) 1753 857177 Fax: +44 (0) 1753 857817
To re-order record charts quote Keeler number 2206-L-7125



Colour Vision LE

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Male/Female: Examiner: Date:

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No. seen on each page:

TOTAL correctly seen: 9 8 7 6 5 4 3 2 1 0

RECORD: Complete Part One of the person's record sheet with a cross 'X' over each spot chosen as different in colour from the other two spots in the same row of three spots. (see example)

INTERPRETATION: 10 or 9 spots correctly seen suggests normal colour vision, at least 'adequate' for most every-day purposes. If less than 8 - refer to instructions.

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