Proficiency test for Masters and PhD candidates
UNIFESP – January 2021

NAME: _____ NUMBER:

ANSWER SHEET (please draw a circle around the right answer)

TEXT 1	WORLD'S FASTEST OPTICAL NEUROMORPHIC PROCESSOR

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
a	a	**a**	**a**	a	a	a	a	a	a	**a**	a	**a**	a	a
b	b	b	b	b	b	b	b	**b**	b	b	**b**	b	**b**	b
c	**c**	c	c	**c**	c	**c**	**c**	c	c	c	c	c	c	c
d	d	d	d	d	**d**	d	d	d	**d**	d	d	d	d	**d**

TEXT 2	SO ARE SOFTWARE UPDATES SLOWING YOU DOWN?

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
a	a	**a**	a	a	a	a	a	a	a	a	**a**	a	a	**a**
b	**b**	b	b	b	**b**	b	**b**	b	**b**	**b**	b	b	b	b
c	c	c	c	**c**	c	c	c	c	c	c	c	c	**c**	c
d	d	d	**d**	d	d	**d**	d	**d**	d	d	d	**d**	d	d

TEXT 3	ENGINEERS CREATE HYBRID CHIPS WITH PROCESSORS AND MEMORY TO RUN AI ON BATTERY-POWERED DEVICES

31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
a	a	a	a	a	**a**	a	a	**a**	a	a	**a**	a	**a**	a
b	**b**	**b**	**b**	b	b	b	b	b	b	b	b	**b**	b	b
c	c	c	c	**c**	c	**c**	c	c	**c**	**c**	c	c	c	**c**
d	d	d	d	d	d	d	**d**	d	d	d	d	d	d	d

TEXT 4	LIGHT-CARRYING CHIPS ADVANCE MACHINE LEARNING

46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
a	a	a	**a**	a	a	a	a	**a**	a	**a**	a	a	a	a
b	b	b	b	b	**b**	b	**b**	b	b	b	b	b	**b**	b
c	**c**	**c**	c	c	c	c	c	**c**	c	**c**	c	c	c	**c**
d	d	d	d	**d**	d	**d**	d	d	d	d	d	**d**	d	d