

basic education

Department: Basic Education **REPUBLIC OF SOUTH AFRICA**

NATIONAL SENIOR CERTIFICATE

GRADE 12

ENGINEERING GRAPHICS AND DESIGN P2

NOVEMBER 2012

MEMORANDUM

............

MARKS: 100

This memorandum consists of 7 pages.

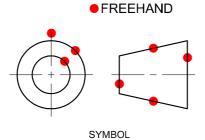
Copyright reserved

Please turn over

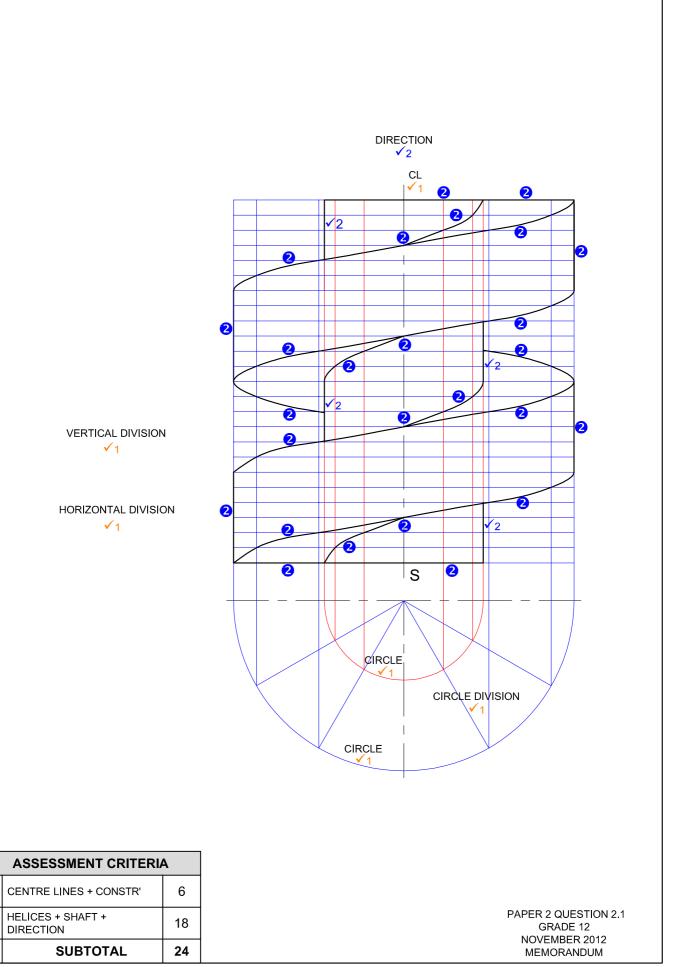
ANSWERS		
1	J BURGER	1/2
2	mm	1/2
3	2012-07-18	1/2
4	S GOBA	1/2
5	CAD	1/2
6	382	1/2
7	4	1
8	0,03	1
9	GRINDING	1
10	105°/75°	1
11	44°	1
12	6	1
13	COUNTER-BORE	1
14	FRONT VIEW	1
15	R6	1
16	A. 19 ± 0,05 B. 22 C. Ø30 D. 60 E. 24	5
17	253	3
18	19,05	2
19	187,35 (UPPER) & 186,55 (LOWER)	4
20		4

TOTAL: 30

ANSWER 20



PAPER 2 QUESTION 1 GRADE 12 NOVEMBER 2012 MEMORANDUM



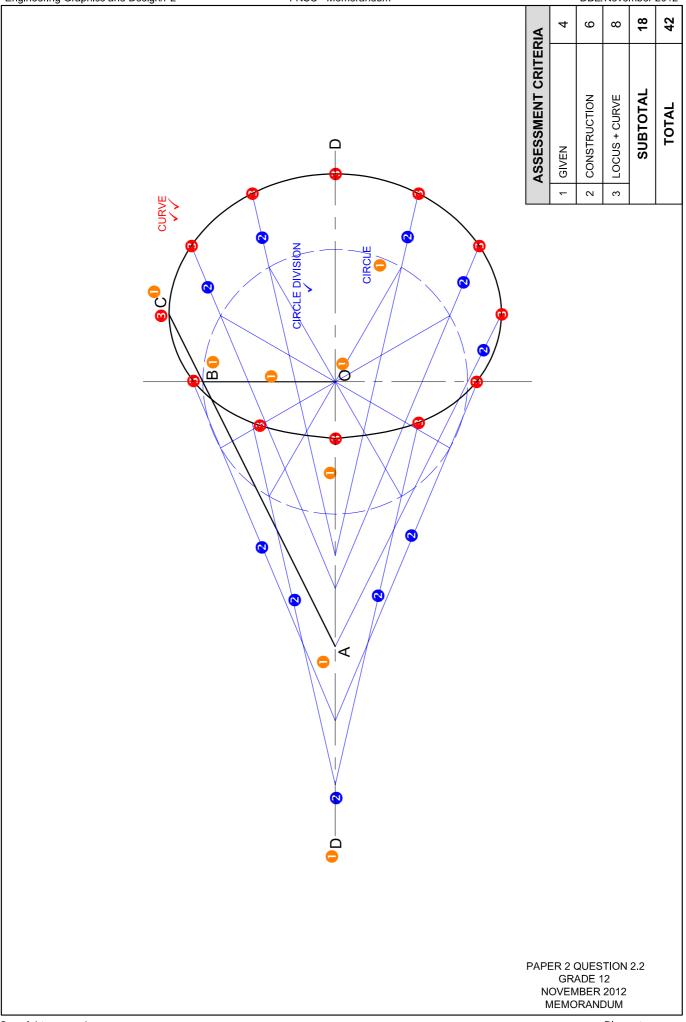
Copyright reserved

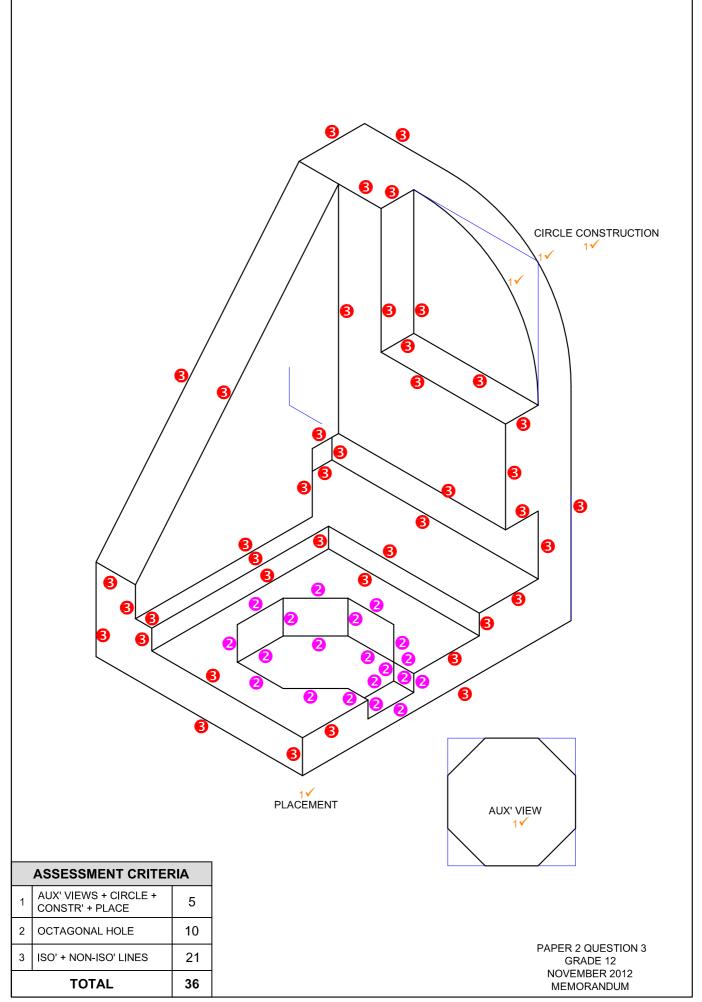
1

2

Please turn over

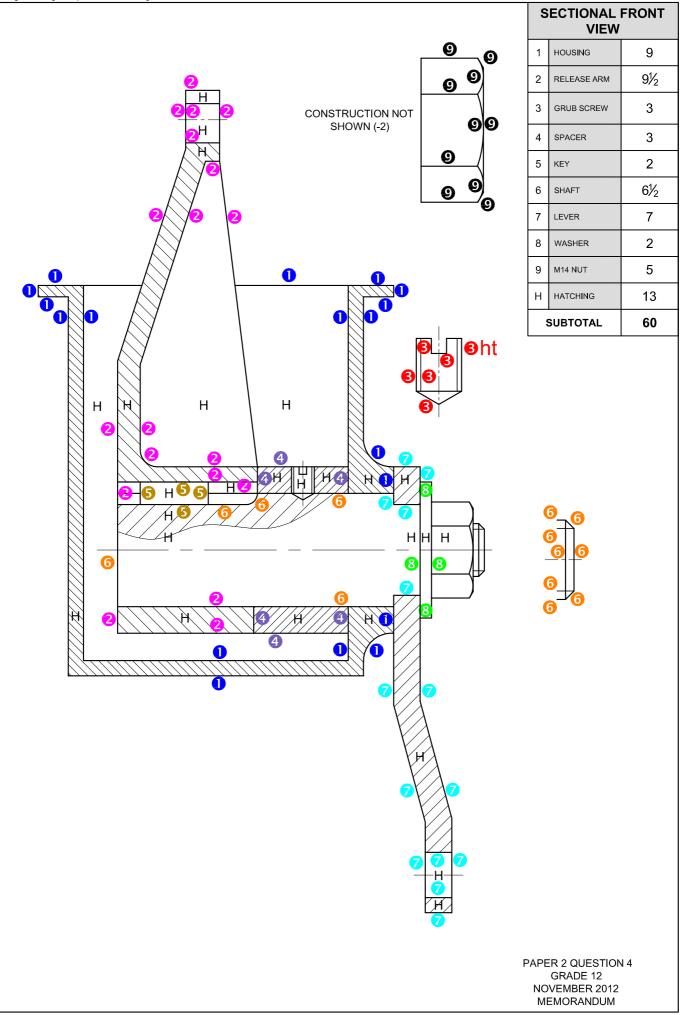
DBE/November 2012





Please turn over

DBE/November 2012



DBE/November 2012

