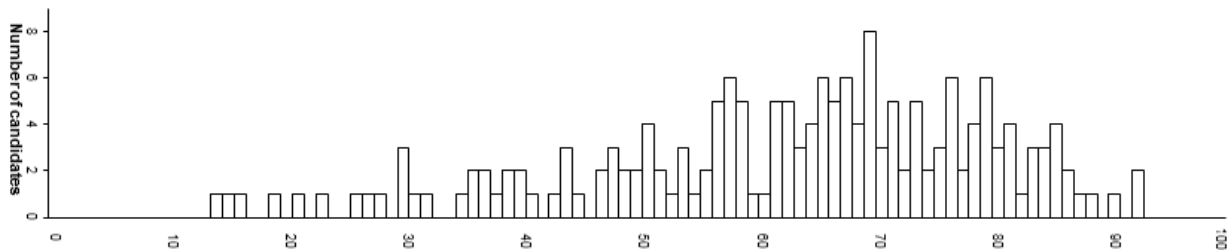




Summary report for candidates on the 2014 WACE examination in Engineering Studies Stage 3

Year	Number who sat	Number of absentees
2014	179	4
2013	253	8
2012	203	4

Examination score distribution



Summary

The number of candidates for this examination was healthy given the half cohort. The overall mean was 62.82%.

	Number of Candidates	Part A (Multiple Choice) mean %	Part B (Extended answer) mean %	Section mean %
Core	178	68	61	63
Systems and control	15	63	53	54
Mechanical	103	66	64	65
Electronic/Electrical	60	52	66	64

The spread of marks (14.08% - 93.42%) was very good.

Specialist field	Part A (Multiple Choice) Minimum (marks/10)	Part A (Multiple Choice) Maximum (marks/10)	Part B (Extended answer) Minimum marks (max available)	Part B (Extended answer) Maximum marks (max available)
Core	3	10	1.67 (30)	28.33 (30)
Systems and control	4	9	6.75 (50)	44.5 (50)
Mechanical	1	10	0.75 (50)	49 (50)
Electronic/Electrical	2	10	12.75 (50)	47.75 (50)

It is interesting to note that while the maximum score across the specialist fields is relatively consistent, the minimum score in each of the fields varies more widely.

General comments

Overall, the core discriminated between candidates and the spread of marks is broadly consistent with that in the specialist fields. The difference between means of the sections is smaller than in previous examinations.

Advice for candidates

- Read the questions carefully, and do not rush to answer a familiar looking question.
- Emphasis should be given to the design process and the reasons and rationale behind each step of the process.
- Consider if additional problems will arise from your suggested solution.