

Examiner Report for Competence-based Professional Assessments in Civil Discipline

Observations

	Competences	2019/20	2020/21
No of Candidates		61	75
No of Failure		41 (67%)	49 (65%)
		Failure	Failure
Applying Engineering Knowledge	C1	24	28
	C2	20	33
	C11	9	17
Development Technical Solutions	C3	25	24
	C4	30	28
Managing Engineering Work	C5	19	20
	C6	21	25
	C7	22	19
	C12	26	24
Upkeeping Professional Acumen	C8	9	3
	C9	14	16
	C10	8	8
Writing Assessment	C13	27	32
	C13(i)	19	26
	C13(ii)	26	28
Major Failure	1 st	C4 (73%)	C2 (67%)
	2 nd	C12 (63%)	C1 (57%)
	3 rd	C3 (60%)	C4 (57%)
	4 th	C1 (58%)	C3 (48%)
	5 th	C7 (53%)	C12 (48%)
General Failure		C1, C2, C3 and C4	
Writing Failure	C13	65%	65%

Areas	Competences	
Applying Engineering Knowledge	C1	Professional knowledge
	C2	Local knowledge
	C11	Maintain knowledge
Developing Technical Solutions	C3	Define problem
	C4	Solutions to problem
Managing Engineering Work	C5	Responsibility
	C6	Management
	C7	Risk
	C12	Judgment
Upkeeping Professional Acumen	C8	Ethical Standard
	C9	Social, Sustainability
	C10	Communication
	C13	Writing Skill: (i) Grammar (ii) Technical

Summary of comments of the reasons for the failure:

The candidate :
...does not acquire a reasonable level of general knowledge or broad understanding of the engineering profession, unable to demonstrate adequate knowledge and technical competences
...could not assess the effectiveness of the recommended solution and its suitability to meet with the needs and conditions ... failed to demonstrate his/her competence to design and analyse various engineering problems, and could not prove his/her competence to solve complex engineering problems based on this work.
...could not demonstrate his competence in area of managing engineering works ...failed to demonstrate his/her knowledge on relevant quality assurance technique, including checking of bar bending schedule and water-tightness testing
...was unable to demonstrate in the essay writing his/her clear understanding of the subject ...was unable to present his/her views and arguments logically and clearly. ...was unable to present his/her understanding on relevant technical knowledge ...could not demonstrate adequate depth and breadth of professional knowledge in his/her area of experience in essay test, especially in contractual and safety topics.