BCS Higher Education Qualification

Diploma

October 2022

EXAMINERS' REPORT TEMPLATE

Web Application Development

Questions Report:

A1	**Syllabus 5.4, 5.3**
	Candidates answered this question less well than the others in section A. Whilst most knew what was measured by each analytic they did not generally specify what information each would provide. Many seemed to guess what was meant by web-site analytics. There was a tendency to discuss hypermedia generally, rather than HATEOAS, which was the object of the question. Most candidates provided a reasonable list of issues with high network traffic, but in a number of cases the issues listed were too similar to be counted as different/
A2	**Syllabus 5.1, 5.2, 5.3**
	Most candidates were able to describe property-based testing but were less confident on potential uses. Again, cross functional and end-to-end testing were described with reasonable detail, but few candidates made clear how they relate to each other. Jira was discussed adequately by most candidates and there was a reasonable understanding of the problems of managing larger development teams.
A3	**Syllabus 2.2, 2.5, 3.4**
B4	**Syllabus 4.1, 4.2, 4.3**
	8/28 student attempted this question. The highest marks is 25 and lowest is 16. Most student have answered this question very well.
B5	**Syllabus 4.1, 4.2, 4.3**
	9/28 students attempted these questions. The highest marks are 13 and lowest marks is 0. Student did not perform well due to lacking knowledge of graph database.
B6	**Syllabus 1.3, 5.4, 6.1, 6.2**
	Some candidates did not perform very well on this question due to apparently lacking systematic understanding of cookie and explanation of function of cookie instead of usage of the cookie. Most candidates were able to describe five aspects of version control. Most were able to relate these to their chosen system (normally GitHub) and discuss how they are implemented in practice. Marks were lost when the answer to this part was simply a repeat of the general aspects given in the previous part.

| | Few candidates adequately described the complete commit-pull-push cycle showing how software developments are merged into a fully working master. |