BCS Higher Education Qualification

Professional Graduate Diploma

April 2022

EXAMINERS' REPORT

System Design Method

General comments

Questions Report:

Qu.	Comment
A1	
a)	*Overall, this question was answered reasonably well, with most candidates being able to discuss the purpose of a class diagram at an appropriate level of detail.*
b)	*Overall, this question was answered reasonably well, with most candidates being able to discuss the purpose of a use case diagram at an appropriate level of detail.*
c)	*Overall, this question was answered reasonably well, with most candidates being able to discuss the purpose of an activity diagram at an appropriate level of detail.*
d)	*Overall, this question was answered reasonably well, with most candidates being able to discuss three different purposes of sequence diagrams at an appropriate level of detail.*
e)	*Overall, this question was answered reasonably well, with most candidates being able to discuss how a sequence diagram supports the detailed functionality of a system at an appropriate level of detail.*
A2	
a) i)	*Overall, this question was answered reasonably well, with most candidates being able to discuss an appropriate design technique for the data to be stored.*
a) ii)	*Overall, this question was answered reasonably well, with most candidates being able to discuss an appropriate design technique for the reporting functions.*
a) iii)	*Overall, this question was answered reasonably well, with most candidates being able to discuss an appropriate design technique for the user interface.*
b)	*Overall, this question was answered reasonably well, with most candidates being able to identify the stages in a typical CBSD method.*
A3	
a)	*Overall, this question was answered reasonably well, with most candidates being able to discuss the type of IT projects for which agile systems design methods would be appropriate.*

b)	*Overall, this question was answered reasonably well, with most candidates being able to discuss the type of IT projects for which agile systems design methods would be inappropriate.*
c)	*Overall, this question was answered rather poorly, with few candidates being able to provide a brief outline of DSDM.*
B4	
a)	*This question caused some problems. Many candidates confused efficiency with effectiveness. In general, the efficiency 'part' of the question was answered better than the effectiveness 'part'.*
b)	*This question was answered sufficiently well. However many candidates did not put sufficient emphasis on the 'compare and contrast' aspect of the question.*
B5	
a)	*Overall, this question was answered reasonably well, with most candidates being able to outline various types of software tools. However potential benefits were not sufficiently discussed.*
b)	*Many candidates were able to provide adequate answers.*
c)	*Overall this question was poorly answered with only few candidates being able to provide a sufficient explanation of 'why in NIMSAD the evaluation of all three aspects is necessary'.*
d)	*This question caused many problems. Only few candidates were able to specify reasonable criteria to evaluate the Method User.*