

BE / Insem. - 69

- Q 1 a) 1) History of XML — 1 mark
2) History of Web-services — 1 mark
3) History of SOA — 1 mark
Diagram of SOA — 1 mark

Q 1 B 1 mark for each comparison point

- Q 1 c ~~Service description~~ ^{SOA definition} defⁿ — 2 marks
~~Need components~~ — 1 marks.

- Q 2 a) Listing benefits — 2 marks
Explanation — 3 marks.

- b) Listing characteristics — 2 marks
Explanation — 3 marks.

- Q 3 a) web service framework definition — 2 marks
framework components — 3 marks

- Q 3 b) Definition of Atomic transaction — 2 marks
Listing and Explaining ACID properties — 3 marks

- Q 4 a) Message Exchange pattern description —
primitive MEPS, Request/Response MEPS,
fire & forget, complex MEPS)
Explanation — 3 marks
Diagram — 2 marks.

- Q 4 b) orchestration — 2 1/2 marks
choreography — 2 1/2 marks.

Q5) a) definition — 1 mark
Types — 3 marks
Diagrams — 2 marks.

b) Listing part — 2 marks
Explanation — 2 marks.

Q6) a) Listing principles — 3 marks
Explanation — 2 marks.

b) each definition — 1 mark