



University College Dublin
An Coláiste Ollscoile, Baile Átha Cliath

SAMPLE PAPER FOR PRACTICE
ACADEMIC YEAR 2016/2017

COMP41530
Web Services in Cloud Computing

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Time Allowed: 1 hour

Instructions for Candidates

EXAMINATION PAPERS MUST BE HANDED UP WITH ANSWER SHEETS

You must answer all questions.

Indicate only one answer in each case.

Details of Marking Scheme Applied:

Each correct answer is worth 1 mark.

Each incorrect answer receives a negative penalty of 0.5 marks

Student Number:

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Instructions for Invigilators

Please collect answer sheet and exam question paper at the end of the examination

- 1) IT Systems where all parts of the system reside on a single computer are described as:
 - A. Synchronous
 - B. Monolithic
 - C. Undifferentiated
 - D. Service Oriented

- 2) A Tightly Couple connection will tend to be:
 - A. Specific to one purpose
 - B. Easy to change
 - C. Reusable
 - D. Modular

- 3) A service where a request is made in one transaction, but the results are not expected to be received until some time later can be described as:
 - A. Synchronous
 - B. Asynchronous
 - C. Disjointed
 - D. Message Oriented

- 4) True or False: Web Services must run over http or https?
 - A. True
 - B. False

- 5) Which of the following is not an advantage of the Internet/Web stack of technologies?
 - A. Vendor Neutral
 - B. Cheap
 - C. Well understood
 - D. Object-oriented

- 6) True or false: A Service Oriented Architecture must use Web Services.
 - A. True
 - B. False

- 7) Which of the following statements is not true?
- A. The XML declaration must be the first line in an XML file
 - B. The XML declaration states what version of XML is used in the file.
 - C. The XML declaration must state what schema is used in the file.
 - D. The XML declaration does not declare if a namespace is used in the file.
- 8) If an XML parser finds a syntactic error while parsing an XML file, it must:
- A. Reject the entire file
 - B. Reject the faulty attribute or element (and any nested items within the faulty item)
 - C. Ignore the error
 - D. Attempt to correct the error.
- 9) The SOAP header does will never contain:
- A. Information about the message being passed
 - B. Definitions of the schema in use for the message.
 - C. Security information about the message
 - D. Addressing/routing information
- 10) Which of the following statements about WSDL is not true?
- A. You know the operations the service supports.
 - B. You know the endpoint locations for the service.
 - C. You know the message formats for all requests, responses and errors
 - D. You know the response times to be expected from the service.