DLBINGSS01\_Lektion01\_Frage01

Which of the following answers correctly completes the statement? Digitalization has altered our lives in terms of...

* …“how we do nothing”. (0 pts)
* …“how we don’t do things”. (0 pts)
* …“how we do things”. (1 pts)
* …“how we forget things”. (0 pts)

DLBINGSS01\_Lektion01\_Frage02

Which of the following answers correctly completes the statement? The process of digitalization will only continue to progress, bringing about changes in economic sectors...

* ...and the weather. (0 pts)
* ...and user behavior. (1 pts)
* ...and pet feeding habits. (0 pts)
* ...but not user behavior. (0 pts)

DLBINGSS01\_Lektion01\_Frage03

Which of the following answers correctly completes the statement? Smart services act as a supplement to Industry 4.0 smart products. It is assumed that new forms of services...

* ...are not in strong demand. (0 pts)
* ...will remain up to date for at least eight decades. (0 pts)
* ...are “purely industrial”. (0 pts)
* ...are “smart”. (1 pts)

DLBINGSS01\_Lektion01\_Frage04

Which of the following answers correctly completes the statement? The use of new technologies is enabling services to be offered that are...

* ...tailored to users. (1 pts)
* ...unaffordable for users. (0 pts)
* ...not technically comprehensible for users. (0 pts)
* ...not of international value to users. (0 pts)

DLBINGSS01\_Lektion01\_Frage05

Which of the following answers correctly completes the statement? Platforms are leading to the creation and development of...

* ...unautomated marketplaces. (0 pts)
* ...unautomated fireplaces. (0 pts)
* ...profitable showplaces. (0 pts)
* ...fully automated marketplaces. (1 pts)

DLBINGSS01\_Lektion02\_Frage01

Which of the following answers correctly completes the statement? Data-driven services are leading to the development of new business models. This applies...

* ...only to industrial businesses. (0 pts)
* ...only to small and medium enterprises. (0 pts)
* ...to both industrial businesses and small and medium enterprises. (1 pts)
* ...to neither industrial businesses nor small and medium enterprises. (0 pts)

DLBINGSS01\_Lektion02\_Frage02

Which of the following answers correctly completes the statement? Smart Services allow...

* ...the technology to be at the center. (0 pts)
* ...the user to be at the center. (1 pts)
* ...the technology to be bypassed. (0 pts)
* ...the economic aspects of creating a service to be ignored. (0 pts)

DLBINGSS01\_Lektion02\_Frage03

Which of the following answers correctly completes the statement? Intermediaries supply platforms...

* ...that only suppliers can access. (0 pts)
* ...that provide quick and easy access to both providers and buyers. (1 pts)
* ...that are not suitable for use by buyers. (0 pts)
* ...that are suitable for installing fittings in homes. (0 pts)

DLBINGSS01\_Lektion02\_Frage04

What do intermediaries provide? Which of the following answers correctly completes the statement? Intermediaries provide...

* ...buyers with protection against insolvency. (0 pts)
* ...buyers with non-comprehensive offers. (0 pts)
* ...suppliers with a certain degree of invisibility on the market. They conceal the actual service prices from buyers. (0 pts)
* ...suppliers with visibility, access, and evaluations within the market. They, therefore, enable buyers to access previously unutilized resources. (1 pts)

DLBINGSS01\_Lektion02\_Frage05

Do intermediaries charge a commission? If so, who has to pay for it? Which of the following answers correctly completes the statement? Intermediaries...

* ...charge an hourly rate. They charge suppliers for their services even if they do not broker any transactions. (0 pts)
* ...help suppliers generate new orders. Intermediaries’ revenue stems from the commission they charge on the orders that they broker. The supplier has to pay this commission to/is charged by the intermediary for brokering the orders. (1 pts)
* ...help suppliers generate new orders. Intermediaries work for free and do not charge a fee/commission to either the supplier or buyer. (0 pts)
* ...help suppliers generate new orders. Intermediaries’ revenue stems from the commission they charge and collect directly from the buyer. The customer pays the intermediary on a “pay-per-use” basis. (0 pts)

DLBINGSS01\_Lektion03\_Frage01

What is the purpose of the Business Model Canvas? Which of the following answers correctly completes the statement? The purpose of the Business Model Canvas is to...

* ...create a “new programming language” to “replace all other programming languages”. (0 pts)
* ...act as a “guarantee for successful business”. (0 pts)
* ...communicate a “template for plastic art” in “digital business”. (0 pts)
* ...develop a “shared language” for “describing, visualizing, assessing, and changing business models”. (1 pts)

DLBINGSS01\_Lektion03\_Frage02

What does the Business Model Canvas depict? Which of the following answers correctly completes the statement? The Business Model Canvas is used to...

* ...lay out nine building blocks for a business model’s success. (1 pts)
* ...present three elements of tried and tested platforms. (0 pts)
* ...portray ten transactions within the digital economy. (0 pts)
* ...represent six possible indicators to identify a successful intermediary. (0 pts)

DLBINGSS01\_Lektion03\_Frage03

What are “touchpoints”? Which of the following answers correctly completes the statement? Touchpoints are...

* ...the places where dating portal customers arrange to physically meet. They can be determined and used by the customers themselves. (0 pts)
* ...communicative points of contact between an intermediary’s suppliers. They can be arranged contractually. (0 pts)
* ...Subprograms used to improve digital business processing. Their mediation function helps ensure that disagreements do not result in legal disputes. (0 pts)
* ...points of communication between providers and customers. They can be analyzed and optimized. (1 pts)

DLBINGSS01\_Lektion03\_Frage04

What is the “customer journey”? Which of the following answers correctly completes the statement? The customer journey is...

* ...the individual steps that the customer takes, which represents how the customer approaches the company or how they engage or interact with the company at all of the touchpoints. (1 pts)
* ...the trips booked by a customer through a hotel booking portal. (0 pts)
* ...the trips booked by a customer, not through a hotel booking portal. (0 pts)
* ...the route that a customer takes in their vehicle in order to pick up online orders in person from a depot, i.e., the route and stops (stop-and-go-points) involved, including the return journey. (0 pts)

DLBINGSS01\_Lektion03\_Frage05

What is the purpose of domain-driven design (DDD)? Which of the following answers correctly completes the statement? Domain-driven design (DDD)…

* ...is used to design the intermediary’s website. It makes graphic design simpler and allows multimedia elements to be incorporated easily. (0 pts)
* ...is used to design complex, project-oriented software. It is a set of design patterns and a type of development philosophy. (1 pts)
* ...is used as a type of layout, or rather an analog template for a sort of logbook to facilitate optimal warehouse management and lean logistics in an online shop. (0 pts)
* ...is used to design and customize the website of an independent or self-employed software developer. It is a type of personal or individual presentation and design philosophy. (0 pts)

DLBINGSS01\_Lektion04\_Frage01

The Gartner Hype Cycle presents the typical progression of expectations surrounding new technologies or a new Industry 4.0 or Internet of Things technological field. It passes through several phases. Some of these phases are listed below. Which of the following is not one of the phases?

* Technology/innovation trigger (0 pts)
* Peak of inflated expectations (0 pts)
* Customer departure (1 pts)
* Trough of disillusionment (0 pts)

DLBINGSS01\_Lektion04\_Frage02

Which of the following answers does not correctly complete the statement about APIs? An API is...

* ...an application programming interface. (0 pts)
* ...an interface for application programming. (0 pts)
* ...a programming interface. (0 pts)
* ...an American personal integration program. (1 pts)

DLBINGSS01\_Lektion04\_Frage03

Which of the following answers correctly completes the statement about APIs? An API is...

* ...not readable. (0 pts)
* ...not machine-readable. (0 pts)
* ...machine-readable. (1 pts)
* ...neither machine-readable nor readable at all. (0 pts)

DLBINGSS01\_Lektion04\_Frage04

Which of the following answers does not correctly complete the statement about web APIs? Web APIs include...

* ...internal APIs (0 pts)
* ...external APIs. (0 pts)
* ...transaction APIs. (1 pts)
* ...platform APIs. (0 pts)

DLBINGSS01\_Lektion04\_Frage05

Which of the following answers does not correctly complete the statement about APIs? APIs can...

* ...be used to exchange and further process data and content between different websites, programs, and content providers. (0 pts)
* ...not be used to exchange and further process data and content between different websites, programs, and content providers. (1 pts)
* ...provide third parties with access to previously inaccessible data pools and groups of users. (0 pts)
* ...be read by machines. (0 pts)

DLBINGSS01\_Lektion05\_Frage01

Which of the following correctly completes the statement about software-as-a-service (SaaS)? Software-as-a-service (SaaS) is a...

* ...design model. (0 pts)
* ...distribution model. (1 pts)
* ...controlling model. (0 pts)
* ...processing model. (0 pts)

DLBINGSS01\_Lektion05\_Frage02

Which of the following answers correctly completes the statement about software-as-a-service (SaaS)? In a software-as-a-service (SaaS) system...

* ...the hardware is made available to users by the provider or service provider. (0 pts)
* ...a complete computer system including hardware and software is made available to users by a provider or service provider via a network. (0 pts)
* ...the software is hosted by a supplier or service provider and not made available to users. (0 pts)
* ...the software is hosted by a supplier or service provider and made available to users via a network. (1 pts)

DLBINGSS01\_Lektion05\_Frage03

Which of the following answers correctly completes the statement? Everything-as-a-service (EaaS) is...

* ...the needs-based provision of IT resources. (1 pts)
* ...the provision of IT resources, ignoring needs. (0 pts)
* ...the needs-based provision of financial resources. (0 pts)
* ...the provision of financial resources, ignoring needs. (0 pts)

DLBINGSS01\_Lektion05\_Frage04

Which of the following is not a driver of SOA? SOA drivers include...

* ...distributed systems (0 pts)
* ...homogeneity. (1 pts)
* ...varied owners (0 pts)
* ...heterogeneity. (0 pts)

DLBINGSS01\_Lektion05\_Frage05

Which of the following answers correctly completes the statement about microservices? Microservices are a way...

* ...of modularizing services. (0 pts)
* ...of modularizing microns. (0 pts)
* ...of modularizing smart transactions. (0 pts)
* ...of modularizing software. (1 pts)

DLBINGSS01\_Lektion06\_Frage01

There are several alternatives for the term “integration platform”, some of which are listed below. Which of the following is not one of them? An “integration platform” is often referred to as a...

* ...business bus. (0 pts)
* ...enterprise service bus (ESB). (0 pts)
* ...T-bone. (1 pts)
* ...backbone. (0 pts)

DLBINGSS01\_Lektion06\_Frage02

Which of the following is not an integration platform in the cloud? Integration platforms in the cloud include...

* ...IFTTT. (0 pts)
* …Powerpoint. (1 pts)
* …Cloudwork. (0 pts)
* …Zapier. (0 pts)

DLBINGSS01\_Lektion06\_Frage03

Which of the following answers correctly completes the statement? In their book *Enterprise Integration Patterns*, Hohpe and Woolf lay out....

* ...a software program for systemic integration. (0 pts)
* ...a catalog of useful integration programs. (0 pts)
* ...a collection of integration tools for developers. (0 pts)
* ...a catalog of 65 tried-and-trusted integration patterns. (1 pts)

DLBINGSS01\_Lektion06\_Frage04

Which of the following correctly completes the statement about Zapier?

Zapier is a system...

* ...that facilitates integration between a single application and a single cloud-based service. (0 pts)
* ...that facilitates the unalterable specification of an application that has a cloud-based service in accordance with the requirements of the Zapier operator. (0 pts)
* ...that facilitates integration between a wide range of applications and cloud-based services. (1 pts)
* ...that does not facilitate integration between a wide range of applications and cloud-based services. (0 pts)

DLBINGSS01\_Lektion06\_Frage05

IFTTT is based on a central principle or rather follows one central rule. Which of the following answers correctly completes the statement about IFTTT? IFTTT means...

* ...”this is that”. (0 pts)
* ...”if this then that”. (1 pts)
* ...”if this then not that”. (0 pts)
* ...”if not this then that”. (0 pts)

DLBINGSS01\_Lektion07\_Frage01

A brief description of JSON is given below. Which of the following answers correctly completes the statement? JSON is...

* ...a text format used to exchange data. It is recognized as a simple standard for unstructured coding of data in the form of human-readable text. (0 pts)
* ...an external data store. (0 pts)
* ...a sensor. (0 pts)
* ...a text format used to exchange data. It is recognized as a simple standard for structured coding of data in the form of human-readable text. (1 pts)

DLBINGSS01\_Lektion07\_Frage02

There are several principles that underpin the creation of XML. Some of these principles are listed below. Which of the following is not one of these principles?

* Awarding good performance (1 pts)
* Clear structures (0 pts)
* Simplicity (0 pts)
* Separation of content and layout (0 pts)

DLBINGSS01\_Lektion07\_Frage03

There are several advantages to using XML as a data exchange format, some of which are listed below. Which one is not an advantage or is incorrect? The advantages of XML include its...

* ...simple readability of sometimes complex data transmitted in a nested form. (0 pts)
* ...convenient transmission of comments and metadata. (0 pts)
* ...simplified exchange of data with third parties. (0 pts)
* ...establishment as a data- and cost-saving format. (1 pts)

DLBINGSS01\_Lektion07\_Frage04

Which web service technologies are useful for creating semantic descriptions? Which of the following answers correctly completes the statement? Various web service technologies are useful for creating semantic descriptions, such as...

* ...supporting protocols like http, SOAP, etc. XML used as a uniform data format. (1 pts)
* ...Semanti-Tec. (0 pts)
* ...the data exchange format DataTrans. (0 pts)
* ...supporting psychological models and user surveys. (0 pts)

DLBINGSS01\_Lektion07\_Frage05

Below are several statements about complex event processing. Which of the following answers does not correctly complete the statement? Complex event processing (CEP) involves the prompt processing of events whilst they are still in progress. CEP is an umbrella term for various...

* ...technologies. (0 pts)
* ...tools. (0 pts)
* ...methods. (0 pts)
* ...theories. (1 pts)

DLBINGSS01\_Lektion08\_Frage01

To ensure that an API is of high quality, various aspects need to be taken into account right from the development phase. Which of the following answers does not correctly complete the statement? The development of an API should take into account...

* ...that the API is not being developed to last forever. (0 pts)
* ...that there are often demands for compromises on quality requirements. (0 pts)
* ...that it is almost impossible for the first attempted development to meet all of the expectations in full. (0 pts)
* ...that there are never any demands for compromises on quality standards. (1 pts)

DLBINGSS01\_Lektion08\_Frage02

Various aspects need to be taken into account in order to develop a high-quality API. Which of the following answers does not correctly complete the statement? The development of a high-quality API should ensure...

* ...that changes or improvements will never be necessary. (1 pts)
* ...that changes, particularly improvements, will be necessary. (0 pts)
* ...that a versioning function is offered. (0 pts)
* ...that all of the best practices from software development are applied in the development of the API. (0 pts)

DLBINGSS01\_Lektion08\_Frage03

Which of the following answers does not correctly complete the statement about service level agreements (SLAs)? A service level agreement (SLA)...

* ...is a service contract. (0 pts)
* ...is a customer order. (1 pts)
* ...governs the relationship between the service recipient and the service provider. (0 pts)
* ...describes the relationship between the service recipient and the service provider. (0 pts)

DLBINGSS01\_Lektion08\_Frage04

Which of the following answers does not correctly complete the statement about service level management (SLM)? Service Level Management (SLM) involves...

* ...managing service quality. (0 pts)
* ...guaranteeing service quality. (0 pts)
* ...striking a balance between business priorities and acceptable costs. (0 pts)
* ...reducing service costs, at the expense of business priorities. (1 pts)

DLBINGSS01\_Lektion08\_Frage05

Service level management (SLM) is a continuous process to help implement the service concept and optimize service quality. Which of the following is not one of the process phases? The continuous SLM process includes the following processes:

* Avoiding adjusting service targets and service level indicators (1 pts)
* Managing the defined performance, cost, and quality targets (0 pts)
* Providing evidence of service having been provided (0 pts)
* Improving and optimizing performance (0 pts)