

GAIT2.0サンプル問題（英語）

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Field	The number of correct answer	The answer	Question (English)	Option A	Option B	Option C	Option D
Infrastructure (Hardware)	1	A	In one week, five media are used to make backup. One is used on Friday for full backup and one is used for incremental backup from Monday to Thursday for each. What is the lowest number of media required to be able to restore data from four weeks back?	8	9	10	12
Infrastructure (Hardware)	3	BCD	Which of the following are the routing protocols that support IPv6? (Select all that apply)	RIPv2	EIGRP for IPv6	OSPFv3	RIPng
Infrastructure (Hardware)	1	A	Which of the following is appropriate to CPU time sharing scheduling?	Conducts priority order allocation in accordance with CPU time consumption in relation to processes	Used mainly in the GUI environment	Conducts fair allocation of CPU capacity between processes and enables a guaranteed minimum allocation	Enables real-time execution
OS & Middleware (Software)	2	BD	What is the effect of the command below?(Select two) command : Get-NetAdapter Where-Object MacAddress -eq 08:00:1B:11:22:33 New-NetIPAddress -IPAddress 10.10.10.1 -PrefixLength 24 -DefaultGateway 10.10.10.254	Change the IP address setting of the NIC that matches the specified MAC address	Set the IP address of the NIC that matches the specified MAC address	Set the MAC address of the NIC that matches the specified IP address	Change the MAC address of the NIC that matches the specified IP address
OS & Middleware (Software)	1	D	In a UNIX-like system, which of the following is a command to change "dog" to "cat" in the sentence below using vi? "big dog, small dog, two dogs, dog race"	s/dog/cat/	:/s/dog/cat/	s/dog/cat/g	:/s/dog/cat/g
OS & Middleware (Software)	2	CD	Which of the following is an appropriate characteristic of MySQL and PostgreSQL? (Select two)	MySQL supports NoSQL.	MySQL is an object-oriented database	PostgreSQL is an ORDBMS (Object Relational Data Base)	PostgreSQL is case-sensitive by default
Application	1	B	In software development, which of the following statements is the most appropriate about design patterns?	Acts as an example for designing an algorithm	It is former developers designing know-how that is catalogued in a way that allows easy re-use	Summary to easy understand the know-how programming	A reflection of the algorithm developer's thoughts
Application	1	A	In HTML, which of the following attributes is used to define a text field?	type=text	type=input	type=field	type=varchar
Application	1	D	In Git, which of the following commands is used to view the history of changes in a commit?	git history	git show	git cherry-pick	git log
Cloud	1	C	Which of the following is an appropriate description of creating a virtual disk file with thin provisioning?	In comparison to thick provisioning, the time taken to create a virtual disk file is longer	The types of guest Operating Systems that can be used are regulated	Can save storage capacity in comparison to thick provisioning	A dedicated device driver will be needed in the Guest OS
Cloud	1	A	Which of the following is describing GCP's Cloud SQL?	A cloud-based service that replaces local MySQL, PostgreSQL and SQL Server databases	Fully managed global scale relational database service	Fully managed and scalable NoSQL database service	NoSQL document-oriented database
Cloud	1	B	Which of the following is not a component of the AWS CDK (Cloud Development Kit)?	App	Terraform	Stack	Construct
Security	1	C	Which of the following is the name of the ransomware targeting QNAP NAS?	Melissa	Code Red	Ech0raix	Wiper
Security	1	A	Which of the following statements are correct?	OAuth2.0 is an authorization protocol, but it can also be used for authentication	OpenID and OpenID Connect are the same	The server that issues the access token is called an authorization server in OIDC	In OAuth2.0, the user who is granted accesses using the access token is called an OpenID Provider
Security	1	A	Which of the following is true when running container runtime in rootless mode?	Even if an API endpoint is compromised, operations that require root privileges, such as loading kernel modules can be prevented	Access to Kubernetes Dashboard by entering root password is virtually impossible	Prevents IAM role credentials from being leaked by accessing metadata services	Containers under development can only be run using general user privileges
DX Technology	1	C	Which of the following python libraries is suitable for implementing Genetic Algorithms?	pandas	R	Pyevolve	Pillow
DX Technology	1	A	Which of the following is a technology for simultaneously estimating the self-position and generating the area map while a robot or drone is running?	SLAM	GPS	LIDAR	ROS
DX Technology	1	A	Which of the following is correct as a meaning of maintenance of edge equipment by zero touch configuration?	Can be updated remotely as needed during operation	No maintenance required for edge equipment	Equipment can be automatically replaced as needed during operation	Robots perform maintenance of edge equipment
DX Utility	2	AB	Which of the following would be appropriate concerns to consider when preparing multiple drones equipped with smartphones to broadcast the traffic live? (Select two).	Communication quality is not stable in the sky	Interfering with another base station with the same frequency in the sky may affect the use of mobile phones on the ground	In the sky, the reception strength of radio waves is too strong, so consider covering the antenna of the smartphone with a shield	There have been many reports of cases where the noise of the motor mounted on the drone interferes with the frequency of the smartphone. Therefore, select a drone that is compatible with mobile phones
DX Utility	1	A	Which of the following is related data warehouse?	Schema on write	Schema on read	Schemaless	Object Schema