BCS Level 3 Award in Cloud Services
QAN 603/0218/5

Specimen Paper A

Record your surname / last / family name and initials on the answer sheet.

Specimen paper only 20 multiple-choice questions – 1 mark awarded to each question. Mark only one answer to each question. There are no trick questions.

A number of possible answers are given for each question, indicated by either **A. B. C. or D**. Your answers should be clearly indicated on the answer sheet.

Pass mark is 13/20.

This qualification is regulated by Ofqual (in England).

1   Which **three** of the following virtual components are typically required to create a virtual machine?

   a) Virtual CPU.
   b) Virtual Router.
   c) Virtual Memory/RAM.
   d) Virtual UPS.
   e) Virtual Hard Drive.
   f) Virtual Power Supply.

A   b, e and f only.
B   b, c and f only.
C   a, c and e only.
D   a, d and e only.

2   Which of the following is the **MOST** important reason for creating separate users / identities in a cloud environment?

A   You can associate activity with an individual.
B   You can let users see their actual name.
C   You can see a list of users by name.
D   You can use the list of users to organise company events.

3   What is the purpose of a security group?

A   You can apply permissions to a user and groups inherit the permissions.
B   You can apply passwords to a group and users inherit the passwords.
C   You can apply permissions to a group and users inherit the permissions.
D   You can apply passwords to a user and groups inherit the passwords.

4   How often should a particular service be tested against the current disaster recovery plan?

A   When similar services are being tested.
B   Assessed in line with the residual risk and business impact assessment.
C   When there is enough free time.
D   When the business unit owner asks, but only if it doesn't have a cost.

5 An infrastructure technician has been asked to allow communication between a set of Virtual Machines. What might they add to the virtual machines to allow this?

A Physical Network Adapter.
B Dynamic Storage.
C Virtual Storage.
D Virtual Network Adapter.

6 What is a **KEY** purpose of using cloud storage services such as OneDrive / Dropbox for users' files?

A To make it easier to access files from other locations / devices.
B To use more storage and servers in the company's data centre.
C To make it less easy to attach files to emails from webmail.
D To make it quicker to open files on a laptop.

7 What is the **MAIN** purpose of a disaster recovery plan?

A To let the shareholders know what to do in a disaster.
B To let staff know how to work in the event of bad weather.
C To document the steps that will be implemented in the event of business disruption.
D To help marketing alert customers in the event of a disaster.

8 Which of the following describes the three-two-one backup policy?

A Three different sites, two different backups, one type of media.
B Three different backups, two different types of media, one backup offsite.
C Three different media, two different sites and one type of backup.
D Three different sites, two different media with one type of backup.

9 Which of the following tasks is an infrastructure technician **MOST LIKELY** to be responsible for in a disaster recovery scenario?

A Restoring systems in an order given by an IT manager / IT director.
B Deciding to fail a system over to the disaster recovery site.
C Testing restores from the backup system.
D Managing Communications with vendor support.

10 How **SHOULD** businesses ensure that their existing data backups can be recovered?

A Test backup restorability.
B Test a range of backup options.
C Test backup configurations.
D Test backup media.

11 What is the **PRIMARY** reason of security groups?

A To maintain access control to key resources.
B To maintain control of group of virtual machines.
C To maintain access control to hard drives only.
D To maintain control of passwords.

12 What is the difference between a data and a system restore?

A System restores physical machines, data restores virtual machines.
B System restores system settings, data restores only the users' files.
C System restores an entire operating system, data restores specific files and folders.
D System restores windows settings, data restores any operating system.

13 In a private cloud, the term 'tenant' **COULD** refer to which **two** of the following options?

a) The operator of the cloud service.
b) A customer's business unit.
c) The customer renting the service.
d) Two applications within the same account.

A a and b only.
B b and c only.
C b and d only.
D c and d only

14 Which of the following is **NOT** a recognised advantage of an Incremental Backup?

A Uses Less Space.
B Speed of Restoration.
C Speed of Backup Operation.
D Uses less compute resource.

15 Which of the following options explains performing a data recovery which is **NOT** a System Level Recovery?

A Restoring Files and Folders into an existing Hard Drive.
B Restoring Operating System Settings.
C Restoring Files and Folders into an existing Hard Drive along with Operating System Settings.
D Performing a bare-metal restore to get a server back to a working state.

16 An infrastructure technician has been asked to test that a backup of a number of documents has worked. What would be the best way to ensure it has worked?

A Perform a test to ensure the backup files are available on the backup media.
B Check the logs of the system to ensure the backup happened.
C Restore from backup media and check the filenames match against the files on the live system.
D Restore from backup media and ensure the contents of the backup matches that of the live data.

17 Which of the following is the **MOST LIKELY** to have a dedicated section within a Disaster Recovery Plan?

A Roles and Responsibilities.
B Capacity Plan.
C IT Service Management Framework.
D IT Security Policy.

18 Which of the following is an advantage of using different backup media types?

A It's easier to do.
B It's more resilient.
C It costs less.
D It's more secure.

19 A new user has joined an organisation and needs access to IT resources. To give them access, what would an infrastructure technician need to do?

A Give the new user a test account.
B Give the new user an account with their name.
C Give the new user the infrastructure technicians login name and password.
D Give the new user access to a guest account.

20 Each day, files that have been changed since the last full backup will be copied. Which backup method does this definition describe?

A Differential backup.
B Snapshots, virtual server.
C Full system backup.
D Incremental backup.

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