



## BRAINWARE UNIVERSITY

Term End Examination 2022  
Programme – MCA-2020/MCA-2021  
Course Name – Cloud Computing  
Course Code - MCA304B  
( Semester III )

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

### Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Justify of the following impose additional overhead on clients and offer faster transfer
- |                  |                         |
|------------------|-------------------------|
| a) Block Storage | b) File Storage         |
| c) File Server   | d) all of the mentioned |
- (ii) Write of the following storage is presented to a user as if it is a ready-to-use disk drive
- |               |                        |
|---------------|------------------------|
| a) Managed    | b) unmanaged           |
| c) unavilable | d) none of the mention |
- (iii) Which of the following is essential concept related to Cloud
- |                |                         |
|----------------|-------------------------|
| a) Reliability | b) productivity         |
| c) Abstraction | d) all of the mentioned |
- (iv) Which of the following cloud concept is related to pooling and sharing of resources
- |                   |                          |
|-------------------|--------------------------|
| a) Polymorphism   | b) Abstraction           |
| c) Virtualization | d) None of the mentioned |
- (v) Which of the following can be identified as cloud
- |                    |                        |
|--------------------|------------------------|
| a) web application | b) Hadoop              |
| c) intranet        | d) all of the mentione |
- (vi) Select the following is Cloud Platform by Amazon
- |             |                         |
|-------------|-------------------------|
| a) azure    | b) aws                  |
| c) cloudera | d) all of the mentioned |
- (vii) Explain the following is the most important area of concern in cloud computing
- |                |                         |
|----------------|-------------------------|
| a) security    | b) storage              |
| c) scalability | d) all of the mentioned |
- (viii) Identify Which one refers to the location and management of the cloud infrastructure
- |                |                          |
|----------------|--------------------------|
| a) service     | b) deployment            |
| c) application | d) none of the mentioned |



11. What is a Data Center? Evaluate the core components and standards of a Data Center (5)  
OR  
Recommend HDFS architecture with a proper diagram (5)
12. What is a Data Center? Define the core components and standards of a Data Center (5)  
OR  
What is the need of virtualization in cloud computing? (5)

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