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(Printed Pages 4)

(20526)

Roll No.

BBA-II Sem.

19028

B.B.A. Examination, May-2026

(Under NEP)

Emerging Technologies and Application

(BBA-2004)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt **all** the sections as per instructions.

Section-A

(Very Short Answer Type Questions)

Note : Attempt **all** the **five** questions. Each question carries **3** marks. Very short answer is required not exceeding **75** words.

$3 \times 5 = 15$

P.T.O.

1. What is the primary goal of cloud governance?
2. Mention two core features of Block-chain.
3. What is the main difference between AR and VR.
4. What is a Smart Contract?
5. What is a "Digital Twin" in Industry 4.0?

Section-B

(Short Answer Type Questions)

Note : Attempt any **two** questions out of the following **three** questions. Each question carries **7.5** marks. Short answer is required not exceeding **200** words. $2 \times 7.5 = 15$

6. Why is cloud governance important for businesses?
7. Define Cyber-Physical Systems (CPS) in the context of IOT.
8. What is "Consensus Mechanism" in Block-chain?

Section-C

(Detailed Answer Type Questions)

Note : Attempt any **three** questions out of the following **five** questions. Each question carries **15** marks. Answer is required in detail. $15 \times 3 = 45$

9. Explain the three primary cloud service models (IaaS, PaaS, SaaS) in detail. Provide real-world examples for each and discuss which model is best suited for a start up?
10. Compare and contrast Public, Private and Hybrid cloud deployment models. What are the specific advantages and security considerations a business must evaluate before choosing a deployment strategy?
11. What is Industry 4.0, and how does it differ from traditional manufacturing?

12. How does a Block chain remain secure without a central authority? Explain the role of Cryptography and Consensus Mechanisms in validating transactions.
13. Beyond entertainment, how can AR and VR be integrated into existing business processes? Consider applications in employee training and complex engineering designs.