

# BSIS FINAL REQUIREMENT

**Read the study guide and answer the following:**

1. In your own words, how does Information system affect your daily life?
2. Why do we need information systems?
3. How does information system help business?
4. Why are information systems important in business?
5. Research and show a sample diagram of the following models and give an example of each model that was used or applied in an existing system.
  - a. Binary Tree Model
  - b. Hierarchy Model
  - c. Hypertext Model
  - d. Random Access Model
6. Identify some changes in the business environment with regards to the business and information technology sectors.
7. Identify factors that makes business environment complex in nature.
8. How does business environment affect companies in different industries?
9. An information system is essentially made up of what five components? And these components are integrated to perform what?
10. What are the roles of the following systems?
  - Operations support system
  - Transaction Processing System (TPS)
  - Process Control System
  - Enterprise Collaboration System
  - Management Support System
11. Differentiate Information systems and Information Technology and make a comparison table in terms of its origin, development and business application.
12. Identify some impacts of the internet on business.
13. What does Emerging technology means?
14. Which countries are the biggest users of the Internet? Social media? Mobile?
15. Which country had the largest Internet growth (in %) in the last five years?
16. How will most people connect to the Internet in the future?
17. What are two different applications of wearable technologies?
18. What are two different applications of collaborative technologies?
19. What capabilities do printable technologies have?
20. How will advances in wireless technologies and sensors make objects “findable”?
21. What is a nanobot?
22. What is a UAV?
23. If you were going to start a new technology business, which of the emerging trends do you think would be the biggest opportunity?

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**1. SUBMIT USING THE FORMAT BELOW for the Video presentation and attached here in this classwork for the document.**

**2. Make a short video presentation/discussion of your answers**

**Follow the following order of the video**

- 1. Course title: IS 311 – IS EMERGING TECHNOLOGIES AND TRENDS**
- 2. Introduce your name, course and block**
- 3. Presentation proper**
- 4. You have all the creative freedom in presenting your answer**

**You may use any video editing software/PowerPoint/OBS/any camera for your presentation.**

**Grading:**

Rubrics for Document	
Criteria	Points
Completeness	35
Correctness of Content	35
Organization	30
TOTAL	100
Rubrics for the Video Presentation	
Completeness	20
Creativeness	20
Delivery	20
Quality	20
Organization	20
TOTAL	100

**Document 50%**  
**Video Presentation 50%**  
**Total 100%**