

## **US History Study Guide: Exam 1**

### **Friday 9/23**

#### **Format:**

The test will be a combination of multiple choice questions and short answer questions. Answers may be found in class discussion, 500 nations, Howard Zinn reading, and the textbook. PowerPoints can be found online on my website.

#### **Prehistory:**

1. What is the Clovis Theory? How has it been disproved? What are some of the alternative theories?

#### **Exploration and Columbus**

1. What was the motive behind European exploration? How does Columbus represent these motivations? How were Europeans able to conquer the Native Americans?
2. What is the Columbian exchange? What were its long term impacts on Europeans and residents of the New World?
3. How did Europeans attempt to change New World cultures?

#### **Native Cultures:**

1. What were some of the regions Native Americans occupied in the New World?
2. How did these Native Americans adapt to their surroundings?
3. What are some of the examples of the prominent groups discussed in class?
4. Traditional European beliefs held that the Native Americans were less than sophisticated, evidence suggests otherwise. Prove or disprove this statement.

#### **Spain and the Americas**

1. How did American wealth enrich Spain? In what ways did they try to change Native cultures? Who is Pope and why did he rebel?

#### **English colonization in the Chesapeake**

1. Why did early attempts of colonization, such as that of Roanoke fail?
2. What is a joint-stock company and how did that influence the type of colonies that the English established?
3. Who is John Smith and how did he lead the community at Jamestown? What problems did the young colony experience?
4. What was the headright system? Why did Jamestown import African laborers (slaves) in 1620?
5. Why was tobacco important for the young colony?
6. Why did Virginia become a Royal Colony in 1624?
7. What were the causes and consequences of Bacon's Rebellion? How did Bacon's rebellion influence the colonies?
8. Discuss the relationship between the colonists and the Powhatan.

(over)

# Section 2us History Study Guide Answers

**J Spring**



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the basic substructuring idea is to consider a substructure a part of the model separately and eliminate all but the degrees of freedom needed to connect this part to the rest of the model so that the substructure appears in the model as a substructure a collection of finite elements whose response is defined by the stiffness and mass o

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limitations of structural elements membrane elements cannot be used to overlay a substructure that consists of second order three dimensional brick elements of type c3d20 r h if the substructure will be used as a slave surface normally abaqus standard automatically converts c3d20 r h brick elements to elements with midface nodes c3d27 r h because this

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in abaqus standard the response within a substructure once it has been reduced to a substructure is considered to be a linear perturbation about the state of the substructure at the time it is made into a substructure

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set this parameter equal to yes default if the substructure eigenproblem needs to be solved during substructure generation in abaqus substructure eigenvectors can be used to define substructure modal damping for a given substructure abaqus standard will evaluate the stiffness associated with frequency dependent springs and dashpots at

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the purpose of this example is to provide basic demonstration and verification of the substructuring capabilities in abaqus problem description the example is a frame consisting of two columns connected by a beam figure 1 16 1 1 the columns and the beam are each modeled with 10 elements of type b21 once a substructure has been