

QUIZ IIIName: [Abdullahi Umar \(Preview\)](#)Start time: [June 13, 2005 10:43am](#)Time allowed: [18 minutes](#)Number of questions: [3](#)[Finish](#)[Help](#)**Question 1** (20 points)**Question 9.3.1**

An equiprobable sample space is one in which

- a. all outcomes are well-balanced
- b. all outcomes have equal chance of occurring
- c. all outcomes are fair
- d. all outcomes are random
- e. all outcomes are likely to occur

[Save answer](#)**Question 2** (20 points)**Question 9.3.2**Consider the sample space $S = \{1,2,3,4,5,6\}$ and events $E = \{1,2,4\}$, $F = \{1,3,5\}$, $G = \{2,4,6\}$ and $H = \{1,3,5,6\}$. Which pair of events are mutually exclusive?

- a. F and G
- b. F and H
- c. E and H
- d. G and H
- e. E and F

[Save answer](#)**Question 3** (30 points)**Question 9.3.3**

Persons A, B and C enter a building at different times. The outcome of A arriving first, B second and C third can be indicated by ABC. The event that A and C do not arrive second is

- a. {BAC, CAB}
- b. {ABC, ACB}
- c. {BAC, BCA}
- d. {CBA, ACB}
- e. {ABC, CBA}

[Save answer](#)

