

Mid-Semester Test

—Matthew Ng

Second week back after the Easter break, and already you have a mid-semester to sit! And seeing that last night was the premiere of *MasterChef*, you obviously didn't get any study done. On the plus side, 208-325: Applied Animal Reproduction *is* your favourite subject. This shouldn't be too hard.

While waiting for the test to start, you can't help but smile as you recollect last night's show; a jazzed-up title sequence, a new kitchen stadium complete with video screens for action-replay, and the grand unveiling of the challengers. Several chefs from Europe, a few from Asia and America, the token local contingent, and even a mysterious entry from Japan named the Iron Chef. Dressed as a ninja, but with a veiled face, the Iron Chef undoubtedly provided the element of surprise. And, on first viewing, he really perfected the art of using his designated 'special ingredient': sea-salt.

Even better, the Iron Chef had a party-trick; using a samurai sword to chop vegetables, which brought cheers of delight from the crowd. Enjoying the spotlight immensely, as the crowd got more and more into the show, the Iron Chef got correspondingly more and more confident in his sword work. Unfortunately for him, it ultimately ended up slipping out of his hands, putting a tear clean up the side of his trousers, revealing a pair of bright-red underpants. What drama!

A piece of paper is suddenly placed on your desk, snapping your out of your reverie. A little bit perturbed, this mid-semester looks at least three times as hard as what you were expecting.

- Q1. Which of the following is monument to flame?
- (A) The Piazza Fiammarossa, Florence (Italy)
 - (B) Llamanora, Murcia (Spain)
 - (C) Vlamgorzon, Eindhoven (The Netherlands)
 - (D) Flammemarche, Montpellier (France)
 - (E) Flammezeitlig, Munich (Germany)
- Q2. Which of the following compounds produce heat?
- (A) HitZenar
 - (B) Minsaloe
 - (C) Hittevaris
 - (D) Norvaril
 - (E) Chaleuran
- Q3. Who discovered fire?
- (A) Guillaume Feumarre
 - (B) John Alexander
 - (C) Anton Stracht
 - (D) Sebastian Leidermann
 - (E) Angelo Fuocoroni

- Q4. Do the following companies construct wheels?
- (A) RuEDa Rubber Environments Daycentre
 - (B) Wielstromme
 - (C) Jean Rouen Co.
 - (D) Radcliffe Industrie
 - (E) Giueseppe Rotella and Sons.
- Q5. Which of the following were produced by Axle Industries Pty Ltd?
- (A) EIXO33-AN Hubcap
 - (B) WXP992 Headlamp
 - (C) AS294 Strongbolt
 - (D) VAM-21 Steering Wheel
 - (E) AXE920 Cylinder and Piston Assembly
- Q6. *Tyre destatum* is the latest
- (A) Dutch rock band
 - (B) German sausage
 - (C) Uncovered Roman ruin
 - (D) Cambridge bacterial discovery
 - (E) French pneumatophore
- Q7. Who of the following was involved in the development of the steam engine?
- (A) Dietrich Dampfoller
 - (B) Paula Vaporetta
 - (C) Mark Blacksteam
 - (D) Marie-Jacques Envapeur
 - (E) Henrik Stoomvaal
- Q8. Who pressured the French government into sponsoring development of the steam engine in 1692?
- (A) Bastiaan van der Drukhof
 - (B) Michael Ford
 - (C) Hans Druckmeister
 - (D) Marie d'Avarigne
 - (E) Jean-Pierre Pression
- Q9. Piston-cylinder assemblies for steam engines were first made in a factory in which city?
- (A) Kolbenmoor, Germany
 - (B) Anglemoor, England
 - (C) Champierge, France
 - (D) Entrada, Italy
 - (E) Zuigerstad, The Netherlands

- Q10. Shock tactics were used in which military operation?
- (A) Operation Choque
 - (B) Operation Molten Chocolate
 - (C) L'operation Choquette
 - (D) Operation Scossanant
 - (E) Operation Schlagnit
- Q11. Conductance, gravitational potential energy, mass, and rotational velocity, are connected by which physics principle?
- (A) Geiding' Vermogen Principle
 - (B) Neuter-Davis' Theorem
 - (C) The Leitfahigkeit relation
 - (D) Wenners' Law
 - (E) Young's Last Postulate
- Q12. Which of the following providers supplies 525V electricity?
- (A) Ostliche Elektrizitat
 - (B) Het Bedrijf van de Elektriciteitsmcht
 - (C) Angione gas e elettricita
 - (D) Beville McPott
 - (E) Durstrang Erratia
- Q13. When is a laser not a laser?
- (A) When its laser beam is green
 - (B) When it's a mini-laser
 - (C) When it's a MEGA-LASER
 - (D) When the laser beam diverges
 - (E) When it creates no laser beam.
- Q14. Which corporation makes spaceships?
- (A) The Raumschiff Foundation
 - (B) Dennis & Suns Spaceport
 - (C) Inertia Corporation
 - (D) Invidiatus Foundation
 - (E) Ruimtes Chip Pty Ltd.
- Q15. Aliens have been sighted in which American areas?
- (A) Ausland, ER
 - (B) Derek, AM
 - (C) Mayla, ND
 - (D) Avida, PL
 - (E) Vree, MD