

Comprehensive Final Examination - Version A

Basic Biology

SC160

Select the single best answer for each question or statement, then transfer your answers to the appropriate scan sheet provided.

- 1 If one group is given some medicine that may cure a disease and the other group is given a sugar pill, the group who got the medicine is the:

_____a. hypothetical group.

_____b. scientific group.

_____c. control group.

_____d. experimental group.

- 2 Which of the following is NOT true of cell membranes?

_____a. They are composed of four carbohydrate layers.

_____b. They contain protein molecules.

_____c. They regulate movement of some substances into and out of the cell.

_____d. They contain phospholipids.

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3 Aerobic cellular respiration requires the use of:

- _____a. N₂.
- _____b. O₂.
- _____c. H₂.
- _____d. H₂O.

4 _____ describes how a cell makes a protein from the protein coding sequence of a gene.

- _____a. Transcription
- _____b. Gene expression
- _____c. Translation
- _____d. Gene phrasing

5 A gene that can be masked by another gene is called:

- _____a. a pleiotropy.
- _____b. dominant.
- _____c. incompletely dominant.
- _____d. recessive.

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6 Hybrid plants are produced by:

- _____a. cloning.
- _____b. asexual reproduction.
- _____c. vegetative reproduction.
- _____d. sexual reproduction.

7 Many kinds of disease-causing bacteria are resistant to the standard antibiotics that we use to control them. This is because:

- _____a. when bacteria are exposed to antibiotics, they mutate.
- _____b. there is genetic variety within the species and those that already have genes for resistance are the ones that reproduce.
- _____c. new species of bacteria have evolved that are resistant to antibiotics.
- _____d. when the size of the population of a species of bacterium is reduced, genetic variety decreases.

8 A food chain always begins with:

- _____a. sympathetic decomposers.
- _____b. photosynthetic autotrophs.
- _____c. pathetic instructors.
- _____d. heterotrophic consumers.

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Most microorganisms reproduce:

- _____a. sexually.
- _____b. by parthenogenesis.
- _____c. asexually.
- _____d. by meiosis.

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The normal flow of blood would be:

- _____a. heart ? capillaries ? arteries ? veins ? heart.
- _____b. heart ? arteries ? capillaries ? veins ? heart.
- _____c. heart ? veins ? capillaries ? arteries ? heart.
- _____d. heart ? veins ? arteries ? capillaries ? heart.

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Business Communication

C05V

Select the single best answer for each question or statement, then transfer your answers to the appropriate scan sheet provided.

- 1 In terms of his career, Ryan's communication skills:
- ☐ a. will neither help him find a job nor help him keep one.
 - ☐ b. won't make any difference in his salary potential.
 - ☐ c. will be perceived as important by his employers, but cannot be translated into savings for his company.
 - ☐ d. will make him a valuable employee.

- 2 Which of the following is an example of unsuccessful communication?
- ☐ a. Ordering an item online then deciding, after it arrives, that you don't like it
 - ☐ b. Asking a friend for advice and then trying to apply it to your problem
 - ☐ c. Receiving instructions on how to put something together and then assembling the item
 - ☐ d. Making an urgent request on a colleague's voicemail and getting no reply for a week

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- 3 Which of the following is most likely to be the desired outcome of a persuasive message for a product?
- ☐ a. The recipient will decide to purchase the product.
 - ☐ b. The recipient will be impressed by the function of the product.
 - ☐ c. The recipient will throw away their older version of the product.
 - ☐ d. The recipient will compare the product with other similar ones.
- 4 Shannon needs to deliver some information quickly to a large group of people. Which of the following would be the best medium for her to use?
- ☐ a. Email
 - ☐ b. Telephone
 - ☐ c. Memo
 - ☐ d. Letter
- 5 Audiences easily get lost and bored if they cannot anticipate the twists and turns that a presentation may take. To avoid this, the presenter should:
- ☐ a. open the presentation with a genuine question.
 - ☐ b. establish a rapport with the audience at the beginning of the presentation.
 - ☐ c. provide a framework for the presentation during the opening of the presentation.
 - ☐ d. open the presentation with an anecdote.

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- 6 Why are bad-news messages challenging to compose?
- ☐ a. They must be lengthy and vague to avoid legal consequences.
 - ☐ b. They require you to achieve a number of goals that are incompatible at first glance.
 - ☐ c. They make it impossible to maintain your audience's goodwill.
 - ☐ d. They run the risk of alienating your audience.
- 7 If you perform a search using the phrases "health insurance plans" and "freelance workers," the search engine will:
- ☐ a. give you those sites that include either exact phrase.
 - ☐ b. give you only those sites that include both phrases.
 - ☐ c. give you those sites that include any of these five words anywhere on a page.
 - ☐ d. give you only those sites that include the first phrase and exclude the second.
- 8 Which of the following is true of a proposal?
- ☐ a. It is simple to prepare.
 - ☐ b. It does not need to provide details on how to implement itself.
 - ☐ c. It requires you to develop a persuasive appeal.
 - ☐ d. It should not address costs.

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Which of the following is an informational report?

- ☐ a. A report recommending action based on what was discussed at a meeting
- ☐ b. A report summarizing a meeting that happened in the past
- ☐ c. A report providing results based on the evaluation of data obtained from a focus group
- ☐ d. A report endorsing a particular solution to a problem

10

Which of the following tools is most likely to be used during a presentation if the content to be presented is lengthy and cannot be seen easily in slide form?

- ☐ a. Podcasts
- ☐ b. Handouts
- ☐ c. Whiteboards
- ☐ d. Flipcharts

Select the single best answer for each question or statement, then transfer your answers to the appropriate scan sheet provided.

- 1 Which is NOT a requirement for a facility to be considered a sweatshop?
- ☐ a. Unmitigated health and safety hazards
 - ☐ b. High temperatures
 - ☐ c. Poor working conditions
 - ☐ d. Unfair wages
- 2 How have most businesses adapted to information technology developments?
- ☐ a. They have become larger and more unwieldy.
 - ☐ b. They have become more hierarchical.
 - ☐ c. They have become flatter, smaller, and more nimble.
 - ☐ d. They have become more profitable.

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3 UNOCAL worked with the Burmese army to push the pipeline using:

- ☐ a. low-wage workers.
- ☐ b. forced labor.
- ☐ c. unethical land reclamation schemes.
- ☐ d. None of the above

4 What is the "hardwired" Intention Principle?

- ☐ a. Harming by action is worse than harming by omission.
- ☐ b. Harming by omission is worse than harming by ignorance.
- ☐ c. Harming by physical contact is worse than without physical contact.
- ☐ d. Harming anyone for any reason is wrong.

5 During the financial crisis in 2008, George W. Bush asked U.S. Congress to pass legislation to create a Troubled Asset Relief Program (TARP) in the amount of:

- ☐ a. \$1 trillion.
- ☐ b. \$90 billion.
- ☐ c. \$80 billion.
- ☐ d. \$700 billion.

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- 6 China and Singapore are examples of what type of economies?
- _____a. Ones that favor free markets and globalization
 - _____b. Ones that favor individual property rights
 - _____c. Ones that favor government intervention
 - _____d. Ones that favor competition
- 7 Which of the following would negatively impact the effectiveness of market theory consumer protection?
- _____a. Low prices
 - _____b. Monopolies
 - _____c. High prices
 - _____d. Many competitors
- 8 Which is the best description of intentional discrimination?
- _____a. The conscious and deliberate discriminatory act on an individual
 - _____b. The discrimination brought about by the unconscious biases of an individual
 - _____c. The acts of discrimination made by the few heads of an organization
 - _____d. The discrimination that results from the routines and processes of large groups

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9 Which of the following is NOT a key consideration for an employer when impinging on an employee's privacy?

_____ a. Relevance

_____ b. Consent

_____ c. Methods

_____ d. Utility

10 Which of these is NOT a view on the duty of a business to its customers?

_____ a. Duty of care view

_____ b. Social costs view

_____ c. Contract view

_____ d. Normative view

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English Composition II

EN130

Select the single best answer for each question or statement, then transfer your answers to the appropriate scan sheet provided.

1 The "rhetorical context" of an essay is:

- ☐ a. the language of the essay.
- ☐ b. the topic of the essay.
- ☐ c. the organizational method of the essay.
- ☐ d. the reason the essay exists.

2 A group of sentences that states the controlling idea of an essay is called the:

- ☐ a. subject of the composition.
- ☐ b. thesis of the essay.
- ☐ c. topic sentence of the essay.
- ☐ d. outline of the essay.

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- 3 Two purposes of the _____ essay are to explain to the reader how to do something and to explain how an activity happened in the past or happens routinely.
- _____ a. narration
 - _____ b. exemplification
 - _____ c. process analysis
 - _____ d. definition
- 4 _____ avoids the casual tone and slang of informal English; it also avoids the complex vocabulary and syntax of formal English.
- _____ a. Standard English
 - _____ b. Jargon
 - _____ c. Specialized vocabulary
 - _____ d. Scholarly English
- 5 The use of two or more words together that mean the same thing, such as "retreat backward" is:
- _____ a. figurative language.
 - _____ b. faulty comparison.
 - _____ c. redundancy.
 - _____ d. awkward parallelism.

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- 6 An essay that answers the question "What is the current situation on campus after the recent tornadoes?" is a(n) _____ essay.
- _____ a. causal analysis
 - _____ b. process analysis
 - _____ c. exemplification
 - _____ d. comparison/contrast
- 7 An essay which is informative and tells how something happened is a(n) _____ essay.
- _____ a. causal analysis
 - _____ b. process analysis
 - _____ c. exemplification
 - _____ d. comparison/contrast
- 8 A causal analysis essay discusses:
- _____ a. predictions of the future based on current circumstances and past behavior.
 - _____ b. the effects of a past event.
 - _____ c. why events happened.
 - _____ d. All of the above

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9 In persuasive argumentation essays, a writer should be cautious of over-using appeals to the reader's:

- _____a. emotions.
- _____b. logical reasoning.
- _____c. sense of fairness.
- _____d. values.

10 According to APA guidelines, any passage that is _____ must be set off as a block quotation.

- _____a. more than three lines long or has more than 25 words
- _____b. more than one paragraph or has more than 40 words
- _____c. more than one paragraph or has more than 50 words
- _____d. more than four lines or has more than 30 words

Select the single best answer for each question or statement, then transfer your answers to the appropriate scan sheet provided.

1 Accounting provides information to:

- ☐ a. managers.
- ☐ b. government.
- ☐ c. investors.
- ☐ d. All of the above.

2 Which is an advantage of a sole proprietorship form of business?

- ☐ a. There is limited personal risk.
- ☐ b. The business can continue indefinitely.
- ☐ c. The owner makes all the decisions.
- ☐ d. All of the above.

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- 3 If total assets are \$35,000 and total liabilities are \$8,000, Capital must equal:
- ☐ a. 12000
 - ☐ b. 27000
 - ☐ c. 8000
 - ☐ d. 20000
- 4 Revenue, expenses, and withdrawals are subdivisions of:
- ☐ a. assets.
 - ☐ b. liabilities.
 - ☐ c. owner's equity.
 - ☐ d. All of the above.
- 5 A formal account that has columns for date, explanation, post reference, debit, and credit is called the:
- ☐ a. T account.
 - ☐ b. standard account form.
 - ☐ c. ledger.
 - ☐ d. chart of accounts.

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- 6 An account that would be decreased by a credit is:
- ☐ a. cash.
 - ☐ b. fees earned.
 - ☐ c. capital.
 - ☐ d. accounts payable.
- 7 The time period for which a statement of owner's equity is prepared is a(n):
- ☐ a. calendar year.
 - ☐ b. accounting period.
 - ☐ c. fiscal period.
 - ☐ d. accounting cycle.
- 8 Financial statements that are prepared for a period shorter than a year are called:
- ☐ a. accounting period statements.
 - ☐ b. fiscal year statements.
 - ☐ c. interim statements.
 - ☐ d. journal statements.

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9 How are explanations distinguished in the journal?

- ☐ a. They are underlined.
- ☐ b. They are in bold print.
- ☐ c. They are indented below the credit entries.
- ☐ d. They are written at the margin, in line with the debit entries.

10 Prepaid Rent is considered to be a(n):

- ☐ a. liability.
- ☐ b. asset.
- ☐ c. contra-asset.
- ☐ d. revenue.