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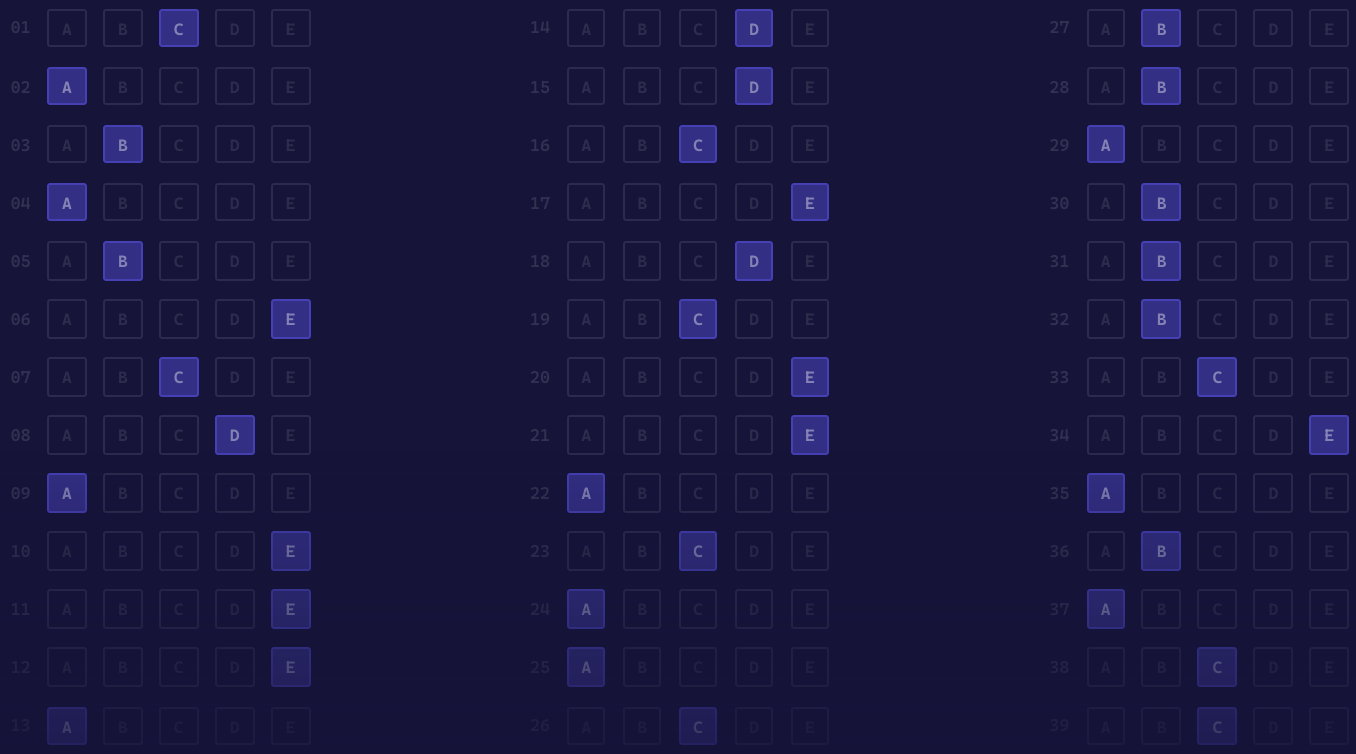

PRACTICE QUESTIONS

ASSESSMENT TECHNOLOGIES INSTITUTE (TEAS)

DLPT2U93

ATI TEAS<

EDITION	QUESTIONS	FORMAT
Demo	9	Limited Edition PDF

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Before you begin

What this is

9 practice questions for ASSESSMENT TECHNOLOGIES INSTITUTE (TEAS) `DLPT2U93`, each with its answer key and an explanation. Answer a question before you read its key — the explanation is worth more once you have committed.

If something looks wrong

Send us three things and we will check it:

- the exam code, `DLPT2U93`
- the question number
- the email address on your order

Write to **support@mometrix.net**. We reply within one business day.

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QUESTION 1 SINGLE CHOICE

Read the following passage: "The Amazon rainforest, often called the 'lungs of the Earth,' produces roughly 6% of the world's oxygen through photosynthesis. However, recent studies suggest that the ocean contributes a significantly larger portion of atmospheric oxygen, challenging the popular nickname. The rainforest's true importance lies in its role in carbon storage and biodiversity, not oxygen production." Which of the following best expresses the central idea of the passage?

A The Amazon rainforest produces 6% of the world's oxygen.

B The Amazon rainforest is less important than the ocean for oxygen production.

C **The Amazon rainforest's nickname as the 'lungs of the Earth' is scientifically inaccurate, and its real importance lies in carbon storage and biodiversity.**

D Recent studies have proven that the ocean produces more oxygen than all land-based ecosystems combined.

ANSWER C

WHY Option C captures the central idea: the passage argues the popular nickname is misleading and reframes the rainforest's importance around carbon storage and biodiversity. Option A is just a detail, option B overstates the comparison (the passage says 'significantly larger,' not 'all'), and option D is not stated in the passage.

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QUESTION 2 SINGLE CHOICE

In the sentence 'The scientist, who had spent twenty years researching climate patterns, presented her findings at the conference,' what is the function of the phrase 'who had spent twenty years researching climate patterns'?

A It is the subject of the sentence.

B **It is a nonessential (nonrestrictive) relative clause that provides additional information about the scientist.**

C It is a coordinating conjunction connecting two independent clauses.

D It is the main verb of the sentence.

ANSWER **B**

WHY The phrase is set off by commas and modifies 'the scientist' by adding extra, nonessential information; it does not restrict the meaning of 'scientist.' It is not the subject (that's 'The scientist'), not a conjunction, and not a verb.

QUESTION 3 SINGLE CHOICE

A recipe calls for 2.5 cups of flour. If you want to make 1.5 times the recipe, how many cups of flour are needed?

A 3.25 cups

B **3.75 cups**

C 4.0 cups

D 4.25 cups

ANSWER **B**

WHY Multiply 2.5 by 1.5: 2.5 × 1.5 = 3.75 cups. The other options result from common calculation errors (e.g., 2.5 + 1.5 = 4.0, or moving the decimal incorrectly).

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QUESTION 4 SINGLE CHOICE

Solve for x: 3x + 7 = 4(x - 2)

A x = -1

B x = 1

C **x = 15**

D x = -15

ANSWER C

WHY Distribute on the right: 4x - 8. So 3x + 7 = 4x - 8. Subtract 3x from both sides: 7 = x - 8. Add 8: 15 = x.

QUESTION 5 SINGLE CHOICE

A nurse needs to convert a patient's weight from pounds to kilograms. The patient weighs 165 lb. Using the conversion 1 kg ≈ 2.2 lb, what is the patient's weight in kilograms (rounded to the nearest tenth)?

A 36.3 kg

B **75.0 kg**

C 90.2 kg

D 363.0 kg

ANSWER B

WHY Divide 165 by 2.2: 165 ÷ 2.2 = 75.0 kg. Converting pounds to kilograms requires division, not multiplication; multiplying would give 363 kg, a common error.

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QUESTION 6 SINGLE CHOICE

Which chamber of the heart pumps oxygenated blood to the body via the aorta?

A Right atrium

B Right ventricle

C Left atrium

D Left ventricle

ANSWER D

WHY The left ventricle pumps oxygenated blood out through the aorta to systemic circulation. The right atrium receives deoxygenated blood from the body, the right ventricle pumps blood to the lungs, and the left atrium receives oxygenated blood from the lungs.

QUESTION 7 SINGLE CHOICE

Which of the following best describes the function of enzymes in biological reactions?

A They provide energy for the reaction to occur.

B They are consumed during the reaction.

C They act as catalysts that speed up reactions without being consumed.

D They change the products of the reaction.

ANSWER C

WHY Enzymes are biological catalysts that lower activation energy and speed up reactions; they are not consumed and do not provide energy or alter the products, which are common misconceptions.

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QUESTION 8 SINGLE CHOICE

An atom has 6 protons, 6 neutrons, and 6 electrons. Which of the following statements is true about this atom?

A **It has a mass number of 12 and is electrically neutral.**

B It has an atomic number of 12 and a +1 charge.

C It has a mass number of 6 and is a negatively charged ion.

D It has an atomic number of 12 and is electrically neutral.

ANSWER **A**

WHY The atomic number equals the number of protons (6), and the mass number equals protons + neutrons (6 + 6 = 12). Equal numbers of protons and electrons (6 each) mean the atom is electrically neutral.

QUESTION 9 MULTIPLE CHOICE

Which two of the following sentences are grammatically correct? (Choose two.)

A Each of the students were given their own textbook.

B Neither the nurse nor the doctors were available for the consultation.

C **The data collected from the experiment support the hypothesis.**

D **The team is preparing for its championship game on Saturday.**

ANSWER **C** · **D**

WHY Option C is correct because 'data' is plural (though sometimes used as singular in scientific contexts, here it agrees with 'support'); grammatically preferring 'support.' More importantly, subject-verb agreement holds with the plural 'data.' Option D is correct because 'team' is singular and takes the singular 'is' and singular 'its.' Option A is incorrect ('each' is singular, requires 'was' and 'his or her'). Option B is incorrect because with 'neither/nor,' the verb agrees with the nearer subject ('doctors,' plural is okay, but 'were' is awkward; the more accepted correction is 'was available' since 'nor the doctors' takes plural agreement issue). The two clearly correct sentences are C and D.

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