



DURAT AL SHARQ INTERNATIONAL SCHOOL

American Curriculum

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هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



NAFS Practice Test 2

Subjects (English - Science – Math) for Grade 9

School Year 2023-2024

Student name: _____

Seat number: _____

Room number: _____

Date: _____

Day: _____

Year: _____

Grade: _____

| Subject | Score (Figure) | Score (Written) | Checked by: | Signature | Rechecked by: | Signature |
|---------|-------------------|--------------------|-------------|-----------|---------------|-----------|
| English | 10 | | | | | |
| Science | 10 | | | | | |
| Math | 10 | | | | | |
| Total | | | | | | |

NAFS PRACTICE TEST 2

GRADE 9

READING

An Excerpt from The Cask of Amontillado

The thousand injuries of Fortunato I had borne as I best could, but when he ventured upon insult I vowed revenge. You, who so well know the nature of my soul, will not suppose, however, that I gave utterance to a threat. At length I would be avenged; this was a point definitively settled — but the very definitiveness with which it was resolved precluded the idea of risk. I must not only punish but punish with impunity. A wrong is unredressed when retribution overtakes its redresser. It is equally unredressed when the avenger fails to make himself felt as such to him who has done the wrong.

It must be understood that neither by word nor deed had I given Fortunato cause to doubt my good will. I continued, as was my wont, to smile in his face, and he did not perceive that my smile now was at the thought of his immolation.

He had a weak point — this Fortunato — although in other regards he was a man to be respected and even feared. He prided himself on his connoisseurship in wine. Few Italians have the true virtuoso spirit. For the most part their enthusiasm is adopted to suit the time and opportunity, to practice imposture upon the British and Austrian millionaires. In painting and gemmery, Fortunato, like his countrymen, was a quack, but in the matter of old wines he was sincere. In this respect I did not differ from him materially; — I was skilful in the Italian vintages myself, and bought largely whenever I could.

| | | | | |
|---|--|--|---|--|
| 1 | What does the word "ventured" mean in the sentence: "When he ventured upon insult, vowed revenge."? | | | |
| | A | retreated | B | risked |
| | C | stumbled | D | decided |
| 2 | What does the word "connoisseurship" refer to in the sentence: "He prided himself on his connoisseurship in wine"? | | | |
| | A | expertise | B | enthusiasm |
| | C | generosity | D | ignorance |
| 3 | What is the main intent of the narrator's actions towards Fortunato in "The Cask of Amontillado"? | | | |
| | A | To seek forgiveness for perceived wrongs | B | To demonstrate his expertise in wine connoisseurship |
| | C | To exact revenge for insults suffered | D | To showcase his Italian vintages to Fortunato |
| 4 | What prominent element in the text contributes to the narrator's plan for revenge? | | | |

| | | | | | | | | |
|--|---|------|---|-------|---|-------------|---|---------|
| | A | Time | B | place | C | characters. | D | events. |
|--|---|------|---|-------|---|-------------|---|---------|

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|---|--|----------|---|----------|---|------------|---|-------------|
| 5 | Which character trait of Fortunato is highlighted in the text? | | | | | | | |
| | A | humility | B | kindness | C | arrogance. | D | generosity. |

| ENCYCLOPEDIA OF INDUSTRY BLUE JEANS | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| A Blue Jeans Chronology | | | | | | | | |
| <p>1850s - Denim begins to be used to produce pants for miners. 1870s - Rivets are first used on blue jeans.</p> <p>1930s - Women begin to wear blue jeans.</p> <p>1950s - Music stars and teen idols, then teens themselves, adopt blue jeans as a cosmopolitan style.</p> <p>1970s - Decorated, studded, and embroidered jeans become popular, and the designer jeans craze begins.</p> <p>1980s - Acid-washed, ripped or torn jeans, along with bell-bottoms, begin their reign. 1990s - Baggy, oversized jeans dominate the market.</p> | | | | | | | | |
| Bibliography | | | | | | | | |
| <p>Alfonso, Patrick. Denim: A Guide to Its Past and Present. New York: Calicut, 1947. "Just Jeans." Manufacturers Weekly 15 Oct. 1997: 3-4.</p> <p>Kilmartin, Theresa. "Blue Jeans." Dumont Complete Encyclopedia. 1952 ed. United States. Dept. of Work Indicators. Dictionary of Vocational Titles. 2nd ed. Washington: Administrative Publishing Office, 1969.</p> | | | | | | | | |

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| 6 | Based on information from A Blue Jeans Chronology in Document B, the reader could assume that _____. | | | | | | | |
| | A | blue jeans serve a purely functional purpose. | B | styles changed to make blue jeans more economical. | C | children's jeans were not manufactured until the mid-1900s. | D | the first denim jeans were manufactured for men. |

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|---|---|--|---|---------------------------------------|---|---------------------------------|---|---|
| 7 | What occurred after acid-washed, ripped or torn jeans, along with bell-bottoms, became popular? | | | | | | | |
| | A | Denim began to be used to produce pants for miners | B | Rivets were first used on blue jeans. | C | Teens began to wear blue jeans. | D | Baggy, oversized jeans dominated the market |

| | | | | | | | | |
|---|---|---|---|---------------------------------------|---|---------------------------------|---|-------------------------------------|
| 8 | What followed the adoption of blue jeans by music stars and teen idols? | | | | | | | |
| | A | Denim began to be used to produce pants for | B | Rivets were first used on blue jeans. | C | Teens began to wear blue jeans. | D | Decorated, studded, and embroidered |

| | | | | | |
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| | miners. | | | | jeans became popular. |
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| According to the chronology, what inference can be drawn about the role of women in popularizing blue jeans? | | | | | |
| 9 | A | Women played a minimal role in the history of blue jeans. | B | Women's adoption of blue jeans led to increased sales and popularity. | C Women were initially resistant to wearing blue jeans. D Women's interest in blue jeans only emerged in recent decades. |

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|---|---|---|---|---|---|
| Based on the chronology, what inference can be made about the evolution of jean styles over time? | | | | | |
| 10 | A | Jean styles remained consistent and unchanged throughout history. | B | Jean styles evolved and diversified in response to changing fashion trends. | C Jean styles became increasingly simplistic and plain over time. D Jean styles were primarily influenced by functional considerations rather than fashion. |

Math

11

Triangles ABC and DEF are similar. What is the length of EF?

The diagram shows two triangles, ABC and DEF. Triangle ABC has side AC labeled 8.0 cm and side CB labeled 3.0 cm. Triangle DEF has side DF labeled 3.2 cm. The triangles are oriented such that AC corresponds to DF and CB corresponds to FE. The triangles are similar, as indicated by the problem statement.

A

7.5 cm

B

1.2 cm

C

0.9 cm

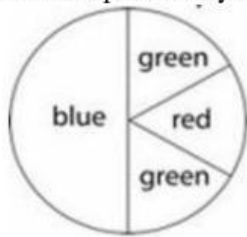
D

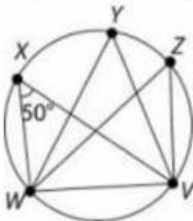
1.4 cm

| | | | | | | | | |
|----|---|--------------------|---|-----------------|---|-----------------|---|----------------|
| 12 | Larry runs a dog-walking service. He charges \$5/h plus a flat fee of \$6. One day, he earned \$16. Determine which equation represents this. | | | | | | | |
| | A | $5h \times 6 = 16$ | B | $16h + 5 = 600$ | C | $5h + 6 = 16$ | D | $16 + 5h = 6$ |
| 13 | Determine which polynomial is the quotient of $(5x^2 - 25x - 40) \div 5$ | | | | | | | |
| | A | $-x^2 + 5x + 8$ | B | $x^2 + 5x + 8$ | C | $-x^2 - 5x - 8$ | D | $x^2 - 5x - 8$ |

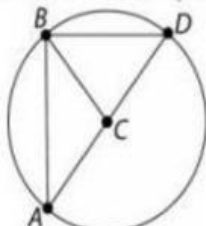
| | | | | | | | | | | | |
|-----|---|-----|----------|---|--------------|-----|---------------|----|---|--|--|
| 14 | Determine the relation that matches the table of values. | | | | | | | | | | |
| | <table><tr><td>x</td><td>1</td><td>2</td><td>3</td></tr><tr><td>y</td><td>13</td><td>11</td><td>9</td></tr></table> | x | 1 | 2 | 3 | y | 13 | 11 | 9 | | |
| x | 1 | 2 | 3 | | | | | | | | |
| y | 13 | 11 | 9 | | | | | | | | |
| A | $y = 21 - 2x$ | B | $y = 4x$ | C | $y = 3x + 7$ | D | $y = 15 - 2x$ | | | | |

| | | | | | | | |
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| 15 | Evaluate the polynomial $4x^2 - 6x - 3$ if $x = -2$. | | | | | | |
| | A | 13 | B | 18 | C | 25 | D |

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| 16 | What is the probability that you will spin red on this spinner? | | | | | | |
| |  | | | | | | |
| A | $1/6$ | B | $1/5$ | C | $1/4$ | D | $1/3$ |

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| 17 | Determine the measure of $\angle Y$ and $\angle Z$. | | | | | | |
| |  | | | | | | |
| A | $50^\circ, 50^\circ$ | B | $60^\circ, 50^\circ$ | C | $60^\circ, 70^\circ$ | D | $100^\circ, 100^\circ$ |

| | | | | | | | |
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| 18 | Which of the following is a pair of equivalent radical expressions? | | | | | | |
| | A | $\sqrt{45}$ and $3\sqrt{15}$ | B | $\sqrt{54}$ and $9\sqrt{6}$ | C | $\sqrt{75}$ and $3\sqrt{5}$ | D |

| | | | | | | | |
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| 19 | If $AC = 7$ cm, what is the length of AD ? | | | | | | |
| |  | | | | | | |
| A | 3.5 cm | B | 5 cm | C | 7 cm | D | 14 cm |

Which line is a line of symmetry for the design?

A geometric design consisting of concentric squares and octagons. The design is centered around a small square. Four dashed lines are drawn through the center, labeled A, B, C, and D. Line A is a vertical line, line B is a horizontal line, line C is a diagonal line from top-left to bottom-right, and line D is a diagonal line from top-right to bottom-left. The design is symmetrical along all four lines.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| A | A | B | B | C | C | D | D |
|---|---|---|---|---|---|---|---|

SCIENCE

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| 21 | In which of the following examples has a chemical reaction occurred? | | | | | | | |
| | A | After putting liquid batter into a hot pan, the batter solidifies and turns brown. | B | After turning on a blender filled with fruits, the fruit is chopped up and mixed together | C | After taking a tray of ice cubes out of the freezer, the ice cubes begin to melt. | D | After adding a spoonful of sugar to a mug of hot coffee, the sugar dissolves completely. |

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| 22 | A chemical formula is provided. How many atoms of hydrogen (H) are found in this compound? | | | | | | | |
| | A | 2 | B | 4 | C | 6 | D | 8 |

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| 23 | When vinegar and baking soda are combined, bubbles begin to form. This is evidence of a chemical reaction because the bubbles | | | | | | | |
| | A | pop up when they are touched. | B | show that gas is forming. | C | form at a fast rate. | D | are generally transparent. |
| 24 | Normal rainwater has a pH of approximately 6 as a result of dissolved | | | | | | | |
| | A | oxygen | B | carbon dioxide | C | sulfur dioxide | D | nitrogen dioxide |
| 25 | A girl tasted each of the following foods. Which of the following would NOT taste acidic to her? | | | | | | | |
| | A | lime | B | tomato | C | orange | D | celery |
| 26 | Which of the following is NOT a common property of bases? | | | | | | | |
| | A | feels slippery | B | tastes bitter | C | Reacts with metals | D | Change colors of indicators |
| 27 | The current in a clothes iron measures 5.0 amps. The resistance of the iron is 24 ohms. What is the voltage? | | | | | | | |
| | A | 120 V | B | 4.8 V | C | 19 V | D | 600 V |
| 28 | Most circuits in your home are | | | | | | | |
| | A | Series circuits. | B | Parallel circuits. | C | Reversible circuits. | D | Closed circuits. |
| 29 | What do transistors do in a mobile phone? | | | | | | | |
| | A | store electric charge | B | maintain proper voltage | C | store data | D | amplify the phone's incoming signal |

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| 30 | A passenger in the rear seat of a car moving at a steady speed is at rest relative to | | | | | | |
| | A | the side of the road. | B | a pedestrian on the corner ahead. | C | the front seat of the car. | D the wheels of the car. |

END OF THE TEST