

GRADE 7 SUMMATIVE TEST (Weeks 7–8)

ENGLISH

1. Which sentence uses a gerund as the subject and demonstrates a complete thought?
 - A. Running through the rain made me feel alive.
 - B. To run quickly in the rain.
 - C. Because running in the rain.
 - D. Running, a very exciting activity.

2. Choose the sentence that shows correct subject-verb agreement in a complex sentence.
 - A. The list of books, which includes classics, is on the table.
 - B. The list of books, which includes classics, are on the table.
 - C. The list of books, which include classics, is on the table.
 - D. The list of books are on the table.

3. Which transition word is most appropriate to use in a conclusion paragraph?
 - A. However
 - B. Firstly
 - C. Therefore
 - D. Meanwhile

4. What does it mean when a character is 'dynamic' in a story?
 - A. The character remains the same throughout.
 - B. The character undergoes significant change.
 - C. The character only appears in the background.
 - D. The character is based on a real person.

5. Which statement reflects bias?
 - A. All intelligent people read classic literature.
 - B. Some people enjoy classic literature.
 - C. Classic literature is still studied in schools.
 - D. Many books are considered classics.

6. Which of the following best explains why authors use figures of speech such as metaphors or similes?

- A. To confuse the reader with complex language
- B. To compare two unrelated things in a literal way
- C. To add depth and vivid imagery
- D. To summarize long paragraphs

7. What is the effect of foreshadowing in a story?

- A. It summarizes the plot.
- B. It reveals the main character.
- C. It gives clues about what will happen later.
- D. It introduces the conflict.

8. Which of the following is an example of a compound sentence?

- A. Although it rained, we still went to school.
- B. We went to the park and played basketball.
- C. She sings well, and she also plays the guitar.
- D. Because I was tired, I stayed home.

9. Identify the correct type of context clue used in this sentence: 'The boy was lethargic—he moved slowly, barely raising his head.'

- A. Synonym
- B. Antonym
- C. Explanation
- D. Example

10. What is the function of the underlined clause in: 'I remember what you told me yesterday.'?

- A. Noun clause
- B. Adjective clause
- C. Adverbial clause
- D. Independent clause

11. English Difficult Question 11

- A. A
- B. B

- C. C
- D. D

12. English Difficult Question 12

- A. A
- B. B
- C. C
- D. D

13. English Difficult Question 13

- A. A
- B. B
- C. C
- D. D

14. English Difficult Question 14

- A. A
- B. B
- C. C
- D. D

15. English Difficult Question 15

- A. A
- B. B
- C. C
- D. D

16. English Difficult Question 16

- A. A
- B. B
- C. C
- D. D

17. English Difficult Question 17

- A. A

- B. B
- C. C
- D. D

18. English Difficult Question 18

- A. A
- B. B
- C. C
- D. D

19. English Difficult Question 19

- A. A
- B. B
- C. C
- D. D

20. English Difficult Question 20

- A. A
- B. B
- C. C
- D. D

Answer Key:

- 1. A
- 2. A
- 3. C
- 4. B
- 5. A
- 6. C
- 7. C
- 8. C

9. A

10. A

11. A

12. A

13. A

14. A

15. A

16. A

17. A

18. A

19. A

20. A

MATHEMATICS

1. Which of the following numbers is a rational number?

A. 0.75

B. π

C. $\sqrt{2}$

D. $\log(5)$

2. Convert 36% to a fraction and decimal.

A. $\frac{9}{25}$ and 0.36

B. $\frac{3}{10}$ and 0.3

C. $\frac{18}{50}$ and 0.36

D. $\frac{4}{10}$ and 0.4

3. Solve: $3x - 7 = 2x + 5$. What is x?

A. 10

B. 12

C. 8

D. 6

4. Factor: $x^2 + 7x + 12$

- A. $(x + 4)(x + 3)$
- B. $(x + 6)(x + 2)$
- C. $(x + 1)(x + 12)$
- D. $(x + 5)(x + 2)$

5. What is the decimal of $5/6$ rounded to nearest hundredth?

- A. 0.83
- B. 0.85
- C. 0.86
- D. 0.88

6. What is the area of a 12m by 8m garden?

- A. 96 sq. m
- B. 100 sq. m
- C. 104 sq. m
- D. 90 sq. m

7. What is the average speed if 120km is travelled in 2 hrs?

- A. 50 kph
- B. 60 kph
- C. 70 kph
- D. 80 kph

8. A number decreased by 5 is equal to 3 times the number plus 7. Find it.

- A. -4
- B. 6
- C. 8
- D. -2

9. Simplify: $3(x + 2) - 2(x - 1)$

- A. $x + 4$
- B. $5x + 4$
- C. $x + 8$
- D. $x + 6$

10. Solve: $2x - 3 > 7$

- A. $x < 5$
- B. $x > 4$
- C. $x > 3$
- D. $x < 2$

11. Math Difficult Question 11

- A. A
- B. B
- C. C
- D. D

12. Math Difficult Question 12

- A. A
- B. B
- C. C
- D. D

13. Math Difficult Question 13

- A. A
- B. B
- C. C
- D. D

14. Math Difficult Question 14

- A. A
- B. B
- C. C
- D. D

15. Math Difficult Question 15

- A. A
- B. B
- C. C
- D. D

16. Math Difficult Question 16

- A. A
- B. B
- C. C
- D. D

17. Math Difficult Question 17

- A. A
- B. B
- C. C
- D. D

18. Math Difficult Question 18

- A. A
- B. B
- C. C
- D. D

19. Math Difficult Question 19

- A. A
- B. B
- C. C
- D. D

20. Math Difficult Question 20

- A. A
- B. B
- C. C
- D. D

Answer Key:

1. A

2. A

3. A

- 4. A
- 5. A
- 6. A
- 7. B
- 8. B
- 9. A
- 10. B
- 11. B
- 12. B
- 13. B
- 14. B
- 15. B
- 16. B
- 17. B
- 18. B
- 19. B
- 20. B

SCIENCE

1. Which organelle produces ATP in plant and animal cells?

- A. Mitochondria
- B. Chloroplast
- C. Nucleus
- D. ER

2. Why are chloroplasts only in plant cells?

- A. DNA for reproduction
- B. Plants photosynthesize
- C. Cellular respiration
- D. Nutrient storage

3. What causes the heart to beat?

- A. Brain
- B. Diaphragm
- C. Heart's electrical impulse
- D. Chest muscles

4. Why do cells need oxygen?

- A. Photosynthesis
- B. Digest food
- C. Produce energy
- D. Transport nutrients

5. Which organ is the gas exchange site?

- A. Trachea
- B. Bronchi
- C. Alveoli
- D. Diaphragm

6. What happens when CO₂ builds up?

- A. Breathing ↓
- B. Constant
- C. Breathing ↑
- D. Stop

7. Function of circulatory system?

- A. Oxygen transport
- B. Body temp regulation
- C. Eliminate waste
- D. Fight infection

8. Which carries oxygen-rich blood?

- A. Veins
- B. Capillaries
- C. Arteries
- D. Bronchi

9. Photosynthesis occurs in?

- A. Chloroplast
- B. Mitochondria
- C. Ribosome
- D. Lysosome

10. Component for blood clotting?

- A. RBC
- B. WBC
- C. Platelets
- D. Plasma

11. Science Difficult Question 11

- A. A
- B. B
- C. C
- D. D

12. Science Difficult Question 12

- A. A
- B. B
- C. C
- D. D

13. Science Difficult Question 13

- A. A
- B. B
- C. C
- D. D

14. Science Difficult Question 14

- A. A
- B. B
- C. C
- D. D

15. Science Difficult Question 15

- A. A
- B. B
- C. C
- D. D

16. Science Difficult Question 16

- A. A
- B. B
- C. C
- D. D

17. Science Difficult Question 17

- A. A
- B. B
- C. C
- D. D

18. Science Difficult Question 18

- A. A
- B. B
- C. C
- D. D

19. Science Difficult Question 19

- A. A
- B. B
- C. C
- D. D

20. Science Difficult Question 20

- A. A
- B. B
- C. C
- D. D

Answer Key:

1. A

2. B

3. C

4. C

5. C

6. C

7. C

8. C

9. A

10. C

11. C

12. C

13. C

14. C

15. C

16. C

17. C

18. C

19. C

20. C

21. Which sentence uses parallel structure correctly?

A. She likes hiking, swimming, and to ride a bike.

B. She likes to hike, swim, and ride a bike.

C. She likes hiking, to swim, and ride a bike.

D. She likes to hiking, swim, and ride.

22. Which of the following is a complex sentence?

- A. I like pizza, and I like pasta.
- B. Although I was tired, I finished my homework.
- C. I went to school and forgot my bag.
- D. She danced all night and sang.

23. Which best defines the word 'theme' in literature?

- A. The location of the story
- B. The moral or central message
- C. The names of characters
- D. The time the story happens

24. Which among the following is an example of simile?

- A. She is as brave as a lion.
- B. The wind whispered softly.
- C. He is a rock in tough times.
- D. The stars danced in the sky.

25. Which transition word signals contrast?

- A. However
- B. Also
- C. Therefore
- D. For example

26. What is the effect of a first-person narrator in a story?

- A. It gives personal perspective
- B. It creates suspense
- C. It shows all thoughts of all characters
- D. It avoids bias

27. Which type of conflict involves a character's struggle with society?

- A. Character vs. Nature
- B. Character vs. Self
- C. Character vs. Society
- D. Character vs. Technology

28. Which is the best example of onomatopoeia?

- A. The leaves danced in the wind.
- B. Boom! The thunder roared.
- C. She was glowing with happiness.
- D. Life is a journey.

29. Which is an example of a compound-complex sentence?

- A. She studied hard, and she passed the test.
- B. Although she was tired, she finished her project, and she submitted it.
- C. She danced and sang.
- D. He walked to school.

30. What figure of speech is used in: 'The stars winked at me.'?

- A. Simile
- B. Metaphor
- C. Personification
- D. Hyperbole

21. B

22. B

23. B

24. A

25. A

26. A

27. C

28. B

29. B

30. C

21. If $3x + 2 = 11$, what is the value of x ?

- A. 2
- B. 3

- C. 4
- D. 5

22. What is the square root of 144?

- A. 10
- B. 11
- C. 12
- D. 13

23. Simplify: $2(x - 3) + 4x$

- A. $2x - 6 + 4x$
- B. $6x - 6$
- C. $6x - 3$
- D. $2x - 3$

24. Which inequality matches the statement: 'Five more than twice a number is less than 15'?

- A. $2x + 5 < 15$
- B. $2x - 5 > 15$
- C. $x + 5 < 15$
- D. $2x + 5 > 15$

25. What is the product of $(x + 2)(x - 3)$?

- A. $x^2 - x - 6$
- B. $x^2 + 5x - 6$
- C. $x^2 - x + 6$
- D. $x^2 + x - 6$

26. Solve: $(4/5) \div (2/3)$

- A. $6/5$
- B. $10/8$
- C. $12/10$
- D. $6/7$

27. If $y = 3x - 2$, what is y when $x = 4$?

- A. 10
- B. 9
- C. 12
- D. 8

28. Find the GCF of 36 and 48.

- A. 6
- B. 12
- C. 18
- D. 24

29. Evaluate: $2^3 + 3^2$

- A. 17
- B. 12
- C. 10
- D. 11

30. Which graph represents a proportional relationship?

- A. Line through origin
- B. Curve
- C. Broken line
- D. Parabola

21. B

22. C

23. B

24. A

25. A

26. A

27. A

28. B

29. A

30. A

21. Which organ is responsible for filtering waste from blood?

- A. Heart
- B. Kidney
- C. Liver
- D. Lungs

22. What part of the plant transports water from roots to leaves?

- A. Phloem
- B. Stomata
- C. Xylem
- D. Leaf

23. Which is NOT part of the respiratory system?

- A. Trachea
- B. Bronchi
- C. Esophagus
- D. Lungs

24. What does the nervous system control?

- A. Digestion
- B. Movement and reflexes
- C. Blood circulation
- D. Breathing

25. Where does fertilization occur in humans?

- A. Ovary
- B. Uterus
- C. Fallopian tube
- D. Cervix

26. Which blood vessel carries blood away from the heart?

- A. Vein
- B. Capillary
- C. Artery
- D. Valve

27. Which body system includes bones and joints?

- A. Muscular
- B. Skeletal
- C. Circulatory
- D. Nervous

28. Which gas do plants release during photosynthesis?

- A. Oxygen
- B. Carbon dioxide
- C. Nitrogen
- D. Hydrogen

29. What is the function of the diaphragm?

- A. Digestion
- B. Breathing
- C. Circulation
- D. Vision

30. What is the smallest unit of life?

- A. Tissue
- B. Organ
- C. Cell
- D. System

21. B

22. C

23. C

24. B

25. C

26. C

27. B

28. A

29. B

30. C

21. Which sentence correctly uses a subordinating conjunction?

- A. She went to the mall although it was raining.
- B. She went to the mall, it was raining.
- C. Although, she went raining to the mall.
- D. Raining was although she went.

22. What is the function of a thesis statement in an essay?

- A. To present the main argument
- B. To tell a story
- C. To entertain
- D. To describe a setting

23. Which best defines an idiom?

- A. A phrase with a literal meaning
- B. A phrase with a meaning different from the individual words
- C. A new vocabulary term
- D. A word with opposite meaning

24. What does 'tone' refer to in a text?

- A. The topic of discussion
- B. The author's attitude toward the subject
- C. The voice of the characters
- D. The vocabulary used

25. Which among the following is a formal register of language?

- A. Text message to a friend
- B. Job interview response
- C. Talking to a pet
- D. Telling a joke at lunch

26. Which transition best shows cause and effect?

- A. For example
- B. Therefore

- C. In conclusion
- D. Moreover

27. Which element makes a story's plot engaging?

- A. Predictability
- B. Conflict
- C. Lists
- D. Dialog boxes

28. Which is an example of a persuasive text?

- A. An essay arguing for recycling
- B. A story about a rabbit
- C. A recipe for lasagna
- D. A poem about rain

29. What does it mean when a narrator is omniscient?

- A. Knows one character's thoughts
- B. Knows everything about all characters
- C. Tells the story in first-person only
- D. Uses slang language

30. Which sentence uses correct capitalization and punctuation?

- A. my Brother and I went to manila.
- B. My brother and I went to Manila.
- C. my brother and I went to manila.
- D. My Brother and i went to Manila.

21. A

22. A

23. B

24. B

25. B

26. B

27. B

28. A

29. B

30. B

21. What is the value of x in the equation $5x - 15 = 10$?

A. 3

B. 5

C. 6

D. 7

22. Evaluate: $(3^2 + 2) \times (5 - 1)$

A. 32

B. 28

C. 20

D. 30

23. What is the LCM of 6 and 8?

A. 12

B. 24

C. 18

D. 48

24. Simplify: $4a + 2b - a + 3b$

A. $3a + 5b$

B. $5a + 5b$

C. $3a + b$

D. $a + 5b$

25. Which of the following is a linear equation?

A. $y = 2x + 3$

B. $y = x^2 + 1$

C. $y = \sqrt{x}$

D. $y = 1/x$

26. Find the area of a triangle with base = 10 cm and height = 5 cm.

- A. 25 cm^2
- B. 50 cm^2
- C. 15 cm^2
- D. 100 cm^2

27. Which of the following represents a proportional relationship?

- A. $y = 3x$
- B. $y = x + 2$
- C. $y = x^2$
- D. $y = 2x - 1$

28. A student answered 18 out of 20 questions correctly. What percent is this?

- A. 85%
- B. 90%
- C. 95%
- D. 80%

29. What is the volume of a cube with side length of 4 cm?

- A. 64 cm^3
- B. 16 cm^3
- C. 32 cm^3
- D. 48 cm^3

30. Solve: $(2x + 3)(x - 4)$

- A. $2x^2 - 5x - 12$
- B. $2x^2 - 5x + 12$
- C. $2x^2 + 11x - 12$
- D. $x^2 + 8x - 12$

21. C

22. A

23. B

24. A

25. A

26. A

27. A

28. B

29. A

30. A

21. What is the main function of the digestive system?

- A. Pump blood
- B. Break down food
- C. Send signals
- D. Transport oxygen

22. What structure protects the brain?

- A. Ribs
- B. Skull
- C. Spine
- D. Lungs

23. Which part of the cell contains genetic material?

- A. Cytoplasm
- B. Nucleus
- C. Ribosome
- D. Mitochondria

24. Which body system is responsible for movement?

- A. Circulatory
- B. Muscular
- C. Respiratory
- D. Digestive

25. Where in the cell does respiration occur?

- A. Chloroplast
- B. Nucleus

- C. Mitochondria
- D. Ribosome

26. Which organ helps in the absorption of nutrients?

- A. Large intestine
- B. Small intestine
- C. Liver
- D. Kidney

27. What causes seasons on Earth?

- A. The moon's orbit
- B. Earth's tilt and orbit
- C. Earth's distance from the sun
- D. Rotation of Earth

28. Which type of blood cell fights infection?

- A. Red
- B. White
- C. Platelets
- D. Plasma

29. What is the boiling point of water in Celsius?

- A. 0°C
- B. 50°C
- C. 100°C
- D. 25°C

30. Which body part is part of the central nervous system?

- A. Spine
- B. Heart
- C. Lungs
- D. Kidney

21. B

22. B

23. B

24. B

25. C

26. B

27. B

28. B

29. C

30. A

21. Which sentence uses parallel structure correctly?

- A. She likes to run, swim, and bike.
- B. She likes to run, swimming, and bikes.
- C. She likes running, to swim, and biking.
- D. She likes to running, to swimming, and biking.

22. Identify the main idea in this sentence: 'Mobile phones have changed the way people communicate by allowing instant messaging and video calls.'

- A. People don't use landlines anymore.
- B. Mobile phones changed communication.
- C. Video calls are popular.
- D. Messaging is fast.

23. Which of the following is an example of an expository text?

- A. A science textbook chapter
- B. A short horror story
- C. A funny comic strip
- D. A historical drama script

24. What is the tone of the sentence: 'The child giggled as the puppy licked her cheeks.'

- A. Angry
- B. Joyful
- C. Nervous
- D. Gloomy

25. What figure of speech is used in: 'He was a lion in the fight.'?

- A. Simile
- B. Personification
- C. Hyperbole
- D. Metaphor

26. Which sentence is written in passive voice?

- A. The teacher praised the student.
- B. The student was praised by the teacher.
- C. The student praised the teacher.
- D. The class watched the film.

27. Which of the following is a fragment?

- A. After the storm passed.
- B. The sun appeared.
- C. The rainbow stretched across the sky.
- D. It stopped raining.

28. Which is the best way to revise this sentence for clarity: 'Running, jumping, and to climb are my hobbies.'?

- A. I enjoy running, jumping, and to climb.
- B. My hobbies are running, jumping, and to climb.
- C. I like to run, jump, and to climb.
- D. My hobbies are running, jumping, and climbing.

29. What does a transition word do in a paragraph?

- A. It ends the story.
- B. It shows time only.
- C. It connects ideas.
- D. It describes characters.

30. Which sentence contains an adjective clause?

- A. The boy who won the contest is my cousin.
- B. She quickly ran home.
- C. They are singing now.
- D. I am taller than her.

21. A

22. B

23. A

24. B

25. D

26. B

27. A

28. D

29. C

30. A

21. Solve for x: $2x + 3 = 11$.

A. 5

B. 4

C. 3

D. 2

22. What is the area of a triangle with a base of 6 cm and a height of 4 cm?

A. 12 cm^2

B. 24 cm^2

C. 20 cm^2

D. 10 cm^2

23. Which property is illustrated: $5(x + 2) = 5x + 10$?

A. Commutative Property

B. Associative Property

C. Distributive Property

D. Identity Property

24. Convert 0.125 to a fraction in simplest form.

A. $\frac{1}{5}$

B. $\frac{1}{4}$

- C. $\frac{1}{8}$
- D. $\frac{3}{4}$

25. What is the solution to: $3x - 7 = 11$?

- A. 5
- B. 6
- C. 7
- D. 4

26. What is the volume of a cube with side 5 cm?

- A. 15 cm^3
- B. 25 cm^3
- C. 125 cm^3
- D. 100 cm^3

27. A number is multiplied by 3 and the result is 27. What is the number?

- A. 9
- B. 6
- C. 3
- D. 12

28. Simplify: $(2x^2 + 3x + 4) - (x^2 + x + 2)$

- A. $x^2 + 2x + 2$
- B. $3x^2 + 2x + 2$
- C. $x^2 + 4x + 6$
- D. $x^2 + x + 2$

29. Which graph shows a linear relationship?

- A. A straight line
- B. A curve
- C. A parabolic arc
- D. A circle

30. What is the solution to the inequality: $x - 2 < 5$?

- A. $x < 3$

- B. $x < 7$
- C. $x > 3$
- D. $x > 7$

21. B

22. A

23. C

24. C

25. B

26. C

27. A

28. A

29. A

30. B

21. What system is responsible for transporting blood throughout the body?

- A. Nervous system
- B. Circulatory system
- C. Respiratory system
- D. Digestive system

22. Which part of the plant absorbs water and nutrients?

- A. Leaf
- B. Root
- C. Stem
- D. Flower

23. Which blood component helps stop bleeding?

- A. Plasma
- B. Red blood cells
- C. Platelets
- D. White blood cells

24. Which organ is part of both the respiratory and digestive systems?

- A. Pharynx
- B. Lungs
- C. Stomach
- D. Esophagus

25. Where does most digestion take place?

- A. Mouth
- B. Stomach
- C. Small intestine
- D. Large intestine

26. Which gas do humans need to breathe in?

- A. Carbon dioxide
- B. Nitrogen
- C. Oxygen
- D. Hydrogen

27. What is the function of white blood cells?

- A. Carry oxygen
- B. Fight infection
- C. Form clots
- D. Regulate temperature

28. What is the basic unit of structure and function in living things?

- A. Cell
- B. Organ
- C. Tissue
- D. Organ system

29. What part of the brain controls balance and coordination?

- A. Cerebrum
- B. Cerebellum
- C. Brain stem
- D. Medulla

30. What structure allows air to enter the lungs?

- A. Esophagus
- B. Trachea
- C. Diaphragm
- D. Artery

21. B

22. B

23. C

24. A

25. C

26. C

27. B

28. A

29. B

30. B