



Entrance Exam:

1. A natural science concerned with the study of life and living organisms
 - a. Chemistry
 - b. Science
 - c. Biology
 - d. Physics

2. Fundamental unit of life
 - a. Nucleus
 - b. Cell
 - c. Organism
 - d. D.N.A

3. A natural science that involves the study of matter
 - a. Physics
 - b. Chemistry
 - c. Astronomy
 - d. Philosophy

4. Is a molecule that encodes the genetic instructions used in the development and function of the human body
 - a. DNA
 - b. RNA
 - c. PNS
 - d. CNS

5. The study of the Human Body involves
 - a. Biology
 - b. Physiology
 - c. Anatomy
 - d. Chemistry

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6. How many bones the skeleton of an adult human consist of:
- a. 270
 - b. 204
 - c. 206
 - d. 225
7. Electrolysis of water to form hydrogen and oxygen gases
- a. Precipitation
 - b. Distillation
 - c. Condensation
 - d. Hydration
8. The outer, protective layer of skin is called subcutaneous layer
- a. True
 - b. False
9. $708267 / 271 =$ (Round to a whole number)
- a. 2614
 - b. 2416
 - c. 4261
 - d. 2614
10. $24 \times 6 / 2 =$
- a. 82
 - b. 36
 - c. 72
 - d. 70
 - e.

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11. Is the branch of mathematics concerned with question of shape, size, and relative position of figures
- Algebra
 - Trigonometry
 - Geometry
 - Mathematics
12. What polygon has eight angles and eight sides
- Polygon
 - Hexagon
 - Pentagon
 - Octagon
13. Becky finished the semester with test scores of 92%, 76%, 82%, 73%, 88%, and 92%. What is the average she will receive for the math test? (Round to a whole number)
- 85%
 - 84%
 - 83%
 - 88%
14. $600,000 + 6,000 + 666$
- 666,666
 - 606,606
 - 660,666
 - 606,666
15. A right angle can only have an angle of
- 45 degrees
 - 90 degrees
 - 180 degrees
 - 99 degrees

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16. A man bought ABC stock at 19.65 per share and sold it at 23.25 per share. What was his profit per share
- a. \$4.65
 - b. \$4.40
 - c. \$3.65
 - d. \$3.95
17. The theater has 850 seats, 60% of which are in the orchestra. How many seats are not in the orchestra
- a. 340
 - b. 300
 - c. 250
 - d. 300
18. If 18 feet and 10 inches is cut from a wire that is 25 feet and 8 inches long, what is the length of the wire that is left?
- a. 6' 1
 - b. 6' 2
 - c. 6' 9
 - d. 6' 10
19. $\frac{7}{8} \times \frac{2}{3}$
- a. $\frac{7}{12}$
 - b. $\frac{2}{7}$
 - c. $\frac{9}{11}$
 - d. $\frac{5}{5}$
20. Fix this run-on sentence.
- a. The sun was shining in a clear blue sky it was a nice day for a walk.
 - b. It was a nice day for a walk. The sun was shining in a clear blue sky.
 - c. It was a nice day for a walk in a clear blue sky with the sun shining.
 - d. It was a nice day for a walk, the sun was shining in a clear blue sky.

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21. He loved her affectionately but not her dog.

Correct the sentence so the sentence parts are in agreement.

- a. He loved her affectionately and not her dog.
- b. He loved her affectionately, not her dog.
- c. The girlfriend he loved affectionately, not her dog.
- d. He loved her affectionately but he did not love her dog.

22. Read in context, what is problematic about the sentence (shown below)?

While we are searching far and near for some Aladdin's Lamp to answer the Sphinx's riddle of fortune, there is ready at hand the interesting and vividly told story of one of the wisest and most useful lives in our own history, and perhaps in any history.

- a. Tense shifting
- b. Mixed-metaphor
- c. Indefinite pronouns
- d. Misplaced modifier

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Maya Angelou

Maya Angelou born Marguerite Annie Johnson April 4, 1928 – May 28, 2014) was an American author, poet, dancer, actress and singer. She published seven autobiographies, three books of essays, and several books of poetry, and was credited with a list of plays, movies, and television shows spanning over 50 years. She received dozens of awards and more than 50 honorary degrees.^[3] Angelou is best known for her series of seven autobiographies, which focus on her childhood and early adult experiences. The first, *I Know Why the Caged Bird Sings* (1969), tells of her life up to the age of 17 and brought her international recognition and acclaim.

She became a poet and writer after a series of occupations as a young adult, including fry cook, prostitute, nightclub dancer and performer, cast member of the opera *Porgy and Bess*, coordinator for the Southern Christian Leadership Conference, and journalist in Egypt and Ghana during the decolonization of Africa. She was an actor, writer, director, and producer of plays, movies, and public television programs. In 1982, she earned the first lifetime Reynolds Professorship of American Studies at Wake Forest University in Winston-Salem, North Carolina. She was active in the Civil Rights movement, and worked with Martin Luther King, Jr. and Malcolm X. Beginning in the 1990s, she made around 80 appearances a year on the lecture circuit, something she continued into her eighties. In 1993, Angelou recited her poem "On the Pulse of Morning" (1993) at President Bill Clinton's inauguration, making her the first poet to make an inaugural recitation since Robert Frost at President John F. Kennedy's inauguration in 1961.

With the publication of *I Know Why the Caged Bird Sings*, Angelou publicly discussed aspects of her personal life. She was respected as a spokesperson for black people and women, and her works have been considered a defense of Black culture. Attempts have been made to ban her books from some U.S. libraries, but her works are widely used in schools and universities worldwide. Angelou's major works have been labeled as autobiographical fiction, but many critics have characterized them as autobiographies. She made a deliberate attempt to challenge the common structure of the autobiography by critiquing, changing, and expanding the genre. Her books center on themes such as racism, identity, family, and travel.

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23. Maya Angelou was born with the name
- a. Mya Annie Johnson
 - b. Maya Johnson
 - c. Marguerite Annie Johnson
 - d. Marguerite Angelou Johnson
24. Which theme was **not** center in Maya Angelou books
- a. Racism
 - b. Family
 - c. Identity
 - d. Vacations
25. What poem did Maya Angelou recite at President Bill Clinton inaugurations
- a. I Know Why The Caged Bird Sings
 - b. Porgy and bass
 - c. On The Pulse of The Morning
 - d. Miss Calypso
26. What year did she receive the Reynolds Professorship of American Studies
- a. 1989
 - b. 1982
 - c. 1987
 - d. 1978

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27. Which occupation was **not** a previous occupation for Maya Angelou

- a. Fry cook
- b. Night club dancer
- c. Performer
- d. Teacher

28. Maya Angelou was an

- a. Author, poet, dancer, singer
- b. Poet, teacher, author, singer
- c. Dancer, actress, teacher, author
- d. Singer, author, model, poet

29. She was respected as a spokesperson for black people and woman

- a. True
- b. False

30. (1) We Americans devour eagerly any piece of writing that purports to tell us the secret of success in life; yet how often we are disappointed to find nothing but commonplace statements, or maxims that we know by heart but never follow. (2) Most of the life stories of famous and successful men fail to inspire because they lack the human element that makes the record real and brings the story within our grasp. (3) While we are searching far and near for some Aladdin's Lamp to answer the Sphinx's riddle of fortune, there is ready at hand the interesting and vividly told story of one of the wisest and most useful lives in our own history, and perhaps in any history. (4) In Franklin's Autobiography is offered not so much a ready-made formula for success, as the companionship of a real flesh and blood man of extraordinary mind and quality, whose daily walk and conversation will help us to meet our own difficulties, much as

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does the example of a wise and strong friend. (5) While we are fascinated by the story, we absorb the human experience through which a strong and helpful character is building.

(6) The thing that makes Franklin's Autobiography different from every other life story of a great and successful person is just this human aspect of the account. (7) Franklin told the story of his life, as he himself says, for the benefit of his posterity. (8) He wanted to help them by the relation of his own rise from obscurity and poverty to eminence and wealth. (9) He is not unmindful of the importance of his public services and their recognition, yet his accounts of these achievements are given only as a part of the story, and the vanity displayed is incidental and in keeping with the honesty of the recital. (10) There is nothing of the impossible in the method and practice of Franklin as he sets them forth. (11) The youth who reads the fascinating story may be astonished to find that Franklin in his early years struggled with the same everyday passions and difficulties that the reader experiences.

Read in context, which revision to sentence 2 (shown below) makes the sentence gender neutral in the most economical way?

Most of the life stories of famous and successful men fail to inspire because they lack the human element that makes the record real and brings the story within our grasp.

- a. "Most of the life stories of famous and successful men and women..."
- b. "Most life stories of famous and successful people...."
- c. "Most of the life stories of the famous and successful..."
- d. "Most life stories of the famous and successful..."

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