

Student Name _____ ID No _____ Section _____

Choose the best answer from the given alternatives and write on the answer sheet

1. _____?
 A. Its kinetic energy is lost
 B. It's all kinetic energy is absorbed by the air.
 C. It's all kinetic energy is converted to the potential energy.
 D. It's all kinetic energy is remain the same.
2. _____
 A. Plasticity B. Elasticity C. Ductility D. Malleability
3. _____?
 A. Speed of each particle C. Total kinetic energy of both the particles
 B. Kinetic energy of each particle D. Momentum of each particle
4. _____
 A. velocity decrease and pressure increases C. velocity increases and pressure decreases
 B. Both velocity and pressure decreases D. Both velocity and pressure increases
5. _____
 A. It applies only to unsaturated air
 B. It is mainly caused by vertical displacement of air
 C. The rate of heating or cooling is $10^{\circ}\text{C}/1000\text{m}$
 D. It is associated with unstable conditions
6. _____
 A. Quaternary volcanism C. Transgression and Regression of Indian Ocean
 B. Epeirogenesis of landmass D. Sedimentary Rock formation
7. _____?
 A. Ghena basin B. Abay basin C. Baro-Akobo basin D. Ghibe-Omo basin
8. _____?
 A. $\neg p \vee r$ B. $(p \vee r) \Rightarrow q$ C. $\neg p \Leftrightarrow r$ D. $\neg q \wedge r$
9. _____?
 A. $2 + 2i$ B. $4 - 2i$ C. $\sqrt{2} + 2i$ D. $2 - 2i$
10. _____?
 A. A polynomial function can have infinitely many vertical asymptotes.
 B. The graph of a rational function can never cross its horizontal asymptotes.
 C. The graph of $f(x) = \frac{4x-1}{3x-2}$ has no horizontal asymptote.
 D. The graph of $f(x) = \frac{x^4-x^2}{x^3-x^2}$ have no vertical asymptote.
11. _____?

A. $f^{-1}(x) = \frac{4^{x-10}+1}{3}$

C. $f^{-1}(x) = \frac{1}{3}(4^x - 9)$

B. $f^{-1}(x) = 4\left(\frac{x}{10} + 1\right) - 10$

D. $f^{-1}(x) = 4^{\frac{x-10}{3}} + 1$

12. The solution set of the equation: $5^{2x} - 5^x - 12 = 0$ is

A. $\{-3, 4\}$

B. $[\log_4 5]$

C. $\{4\}$

D. None

13. _____:

A. It accepts and appreciate diversity

B. Exclude marginalized group of people in societal activities

C. Provide opportunity for people with disability in the work place

D. Creating accessible environment for all

14. _____?

A. They categorized under disadvantaged groups

B. Gifted and talented are categorized under disability groups

C. They are the most advantageous group of society

D. They grouped under majority society

15. _____.

A. It accepts diversity and inclusion as a way of life

B. It operates under transparent policies and procedures

C. It values unearned privilege over earned privilege

D. It accepts and embraces change

16. _____?

A. Learning through imitating model behavior

B. Learning through consequence of behavior

C. Learning through cognitive response to stimuli

D. Learning through association of two stimuli

17. _____.

A. Meat and salivation

C. Ball and salivation

B. Bell and meat

D. Bell and bell

18. _____.

A. Semantic

B. Episodic

C. Procedural

D. Implicit

19. _____?

A. Underweight

B. overweight

C. optimal

D. obese

20. _____.

_____?

A. 48-60kg

B. 42-47kg

C. 27-39kg

D. 70-80kg

21. _____.

_____?

A. Cardiovascular ---aerobic exercise

C. Body composition----anaerobic exercises

B. Muscular fitness-----resistance exercises

D. Flexibility----stretching exercises

22. [REDACTED].
[REDACTED]
[REDACTED].
A. **had better** B. should C. ought to D. had better to
23. [REDACTED]
A. ought to B. ought to not C. **oughtn't to** D. ought
24. [REDACTED].
A. have read B. have red C. has red D. **has read**
25. [REDACTED]
[REDACTED]s
A. He studies hard, so he passes the entrance exam.
B. He studied hard, and he passed the entrance exam.
C. He studied hard, but he failed the entrance exam.
D. **He didn't study hard, so he failed the entrance exam.**
26. [REDACTED]
[REDACTED]
A. **The governor doesn't have conscience, so he allows OLF Shenie kill lots of Amhara people.**
B. The governor didn't have conscience, so he allowed OLF Shenie kill lots of Amhara people.
C. The governor has /possesses conscience, but he allowed the OLF Shenie to kill lots of Amhara people.
D. The governor had conscience, so he didn't allow OLF Shenie to kill lots of Amhara people.
27. [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]?
A. The arguer commits bandwagon fallacy C. **The arguer commits no fallacy**
B. The arguer cites unqualified authority D. The arguer commits snobbery fallacy
28. [REDACTED]
[REDACTED]
[REDACTED]:
A. **Appeal to ignorance** B. Weak analogy C. Missing the point D. Post hoc
29. [REDACTED].
[REDACTED]
[REDACTED]:
A. Deductively valid C. Deductively sound
B. **Deductively invalid** D. Inductively strong
30. [REDACTED]
[REDACTED]:
A. Straw man B. **Bandwagon** C. Appeal to vanity D. Appeal to snobber