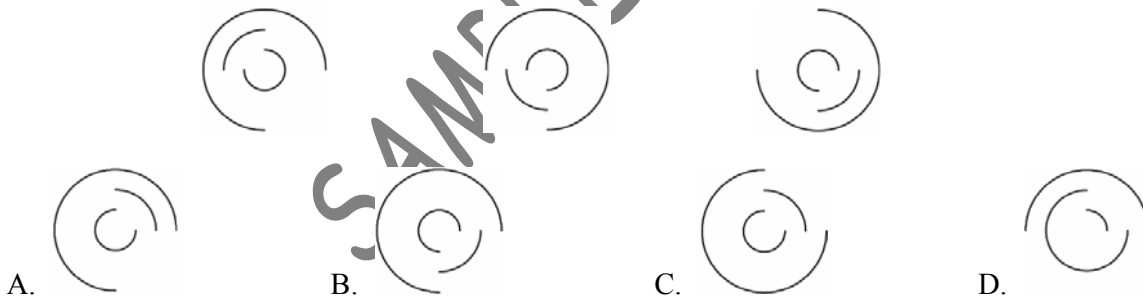


1. A manometer is used to
 - A. measure the pressure of liquids
 - B. measure the amount of heat
 - C. measure the atmospheric pressure
 - D. see objects at long distance
 2. If the mass of a ball is 2 kg, then what is its mass on Earth and its weight on moon?
 - A. Mass on Earth is 2 kg, and Weight on Moon is 3.244 N
 - B. Mass on Earth is 19.6 kg, and Weight on Moon is 3.244 N
 - C. Mass on Earth is 2 kg, and Weight on Moon is 2 N
 - D. Mass on Earth is 19.6 kg, and Weight on Moon is 2 N
 3. What is the work done on a block of mass 50 kg, if a force of 95 N moves it through a distance of 2 m in its direction?
 - A. 250 J
 - B. 210 J
 - C. 205 J
 - D. 190 J
 4. The process in which solid converts directly into gas is known as
 - A. vaporization
 - B. sublimation
 - C. crystallization
 - D. distillation
 5. What is the effect of base on red litmus paper?
 - A. It turns black
 - B. It turns blue
 - C. It turns pink
 - D. It becomes colorless
 6. Which of the following statements is true about the mass of products in fission reaction?
 - A. Mass of product is more than that of the original nucleus
 - B. Mass of product is equal to that of the original nucleus
 - C. Mass of product is less than that of the original nucleus
 - D. None of the above
 7. The octal number $(135)_8$ is equivalent to which of the following binary numbers?
 - A. $(11101001)_2$
 - B. $(111110101)_2$
 - C. $(1011101)_2$
 - D. none of these
 8. If A is subset of B, then $A - B =$ -----
 - A. $A \cap B$
 - B. ϕ
 - C. A
 - D. B
 9. The equation $x + y - 7 = 0$ represents
 - A. a circle
 - B. an arc
 - C. a parabola
 - D. a straight line
 10. If α and β are the roots of the polynomial $9x^2 - 1$, the value of $\alpha^2 + \beta^2$ will be
 - A. 1/3
 - B. 1/6
 - C. 2/3
 - D. 2/9
 11. The 10th term of the series 5, 1, -3, -7, is
 - A. 31
 - B. 27
 - C. -31
 - D. -27
 12. If $a > 0$ and $b < 0$, then
 - A. $ab > 0$
 - B. $ab < 0$
 - C. $a+b \geq 0$
 - D. $a-b < 0$
-

13. Which of the following words has the same meaning as the word ALLY ?
A. Friend B. Colleague C. Partner D. Companion
14. A disease that spreads over a large area is called
A. Epidemic B. Incurable C. Acute D. None of these
15. What is the passive voice equivalent of the sentence "I am reading a story."?
A. A story is reading by I. B. A story is read by me.
C. A story is being read by me. D. A story was being read by me.
16. Prophet Muhammad (PBUH) belonged to _____ family.
A. Makki B. Madni C. Hashmi D. Quraishi
17. Which is the smallest continent of the Earth?
A. Africa B. Australia C. Asia D. Antarctica
18. The national animal of Pakistan is _____?
A. Eagle B. Tiger C. Camel D. Markhor
19. Russia is presently engaged in war with _____
A. Iran B. China C. Ukraine D. India
20. What comes next in the following pattern?



*** NOTE: Actual test paper will consist of questions from Matriculation/Diploma/Intermediate level Physics, Chemistry, Maths, English, General Knowledge, IQ, Pakistan Studies, Islamiyat and Current Affairs, etc.**