

1. If we add all the 7 colours of rainbow (red, yellow, blue, green, orange, violet and indigo), the resultant colour would be?

- (A) White
- (B) Black
- (C) Maroon
- (D) Dark Blue

2. When white light passes through a prism, it splits into _____ colours.

- (A) 3
- (B) 5
- (C) 7
- (D) 9

3. A camera uses a _____ to form an image on a piece of film at the back.

- (A) convex lens
- (B) concave lens
- (C) diverging lens
- (D) none of these

4. Short-sight defect could be corrected by a

- (A) convex lens
- (B) concave lens
- (C) converging lens
- (D) none of these

5. Red + Green + Blue = ?

- (A) White
- (B) Black
- (C) Maroon
- (D) Dark Blue

ANSWERS: PHYSICS QUIZ

6. Ozone layer protects the Earth from _____ radiations from the Sun.

- (A) microwaves
- (B) infrared
- (C) X-rays
- (D) ultraviolet

7. The distance of Moon from the Earth is _____ km.

- (A) 364,000
- (B) 384,000
- (C) 464,000
- (D) 484,000

8. There are _____ planets in orbit around the Sun.

- (A) 6
- (B) 7
- (C) 8
- (D) 9

9. Planets are kept in orbit by the?

- (A) Attraction among the Planets
- (B) Attraction among the Planets and the Sun
- (C) Radiations from the Sun
- (D) Gravitational pull of the Sun

10. Which from the following is NOT a Renewable Energy?
(A) Geothermal
(B) Solar
(C) Nuclear
(D) Biofuels
11. When vapours of a substance are cooled and changes into liquid, it is called
(A) conduction
(B) condensation
(C) convection
(D) evaporation
12. An instrument used to measure gas pressure is called
(A) ammeter
(B) barometer
(C) galvanometer
(D) manometer
13. If we add salt to the pure water, its boiling point will
(A) increase
(B) decrease
(C) remain same
(D) none of these
14. The boiling point of alcohol is
(A) 71 °C
(B) 75 °C
(C) 79 °C
(D) 83 °C
15. The presence of impurities _____ the freezing point of water.
(A) increases
(B) decreases
(C) accelerate
(D) does not have any effect on

ANSWERS: PHYSICS MCQS

16. The melting point of ice is lowered by a/an _____ in pressure.
(A) increase
(B) decrease
(C) change
(D) consistency
17. At high altitude the air temperature is lower as compare to sea level, therefore water boils at _____ temperature.
(A) lower
(B) higher
(C) constant
(D) absolute
18. Evaporation is a _____ process.
(A) cooling
(B) Liquefying
(C) condensation
(D) convection

19. The refrigerator works on the two processes
(A) condensation and convection
(B) convection and radiation
(C) radiation and evaporation
(D) condensation and evaporation

20. Air is a very good _____ of heat.
(A) conductor
(B) insulator
(C) radiator
(D) evaporator

ANSWERS: PHYSICS QUESTIONS

1. A
2. C
3. A
4. B
5. A

6. D
7. B
8. C
9. D
10. C

11. B
12. D
13. A
14. C
15. B

16. A
17. A
18. A
19. D
20. B