

TNPSC – GROUP 2

GENERAL STUDIES - 2018 (ENGLISH)

PHYSICS

- 1 Femoto is equal to _____ m.
(A) 10^{-6} **(B) 10^{-15}** (C) 10^{-5} (D) 10^{-9}
2. What is the value of gravitational field at the centre of the Sphere?
(A) Zero (B) $\frac{Mr}{G}$ (C) $\frac{GM}{r}$ (D) $-GM/r^2$
3. Which of the following is sensitive to ultrasonic waves?
(A) Man **(B) Bat** (C) Bird (D) fish
4. Galena is the ore of which of the following metals?
(A) Silver **(B) Lead** (C) Gold (D) iron

CHEMISTRY

5. Which one of the following is the correct composition of Brass?
(A) Cu – 50%; Sn – 50% **(B) Cu – 60%; Zn – 40%**
(C) Zn – 70%; Sn – 30% (D) Fe – 40%; Ni- 60%
6. The Epsom salt which is used as laxative is
(A) $MgSO_4 \cdot 7H_2O$ (B) $CaSO_4 \cdot 2H_2O$
(C) $ZnSO_4 \cdot 7H_2O$ (D) $CuSO_4 \cdot 5H_2O$
7. What happens in the reduction process?
(A) Loss of electrons **(B) Gain of electrons**
(C) loss of hydrogen (D) Gain of oxygen

ZOOLOGY

8. A Preparation of Living (or) killed micro – organism (or) viruses used in prevention of disease through immunization is called
(A) Toxoid **(B) Vaccine**
(C) Viremia (D) Anti – toxin

