

(A) 10⁻⁶

1.

1 Femoto is equal to _____ m.

(B) 10⁻¹⁵

TNPSC – GROUP 2GENERAL STUDIES - 2018 (ENGLISH)

_ . . **_** . . **_** . .

PHYSICS

(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 followi | 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 | | | |
| | S | | | | | |
| 5. | Which one of the following is the correct composition of Brass? | | | | | |
| | (A) Cu – 50%; Sn – 50% (C) Zn – 70%; Sn – 30% | | | (B) Cu - 60%; Zn - 40% (D) Fe - 40%; Ni- 60% | | |
| | $(C) Z\Pi = /0\%, S\Pi = 3$ | 30% | (D) Fe – 40%, | 111-00% | | |
| 6. | The Epsom salt which is used as laxative is | | | | | |
| | (A) MgSO ₄ 7H ₂ O (C) ZnSO ₄ 7H ₂ O | | | (B) CaSO ₄ 2H ₂ O (D) CuSO ₄ 5H ₂ O | | |
| | (C) ZIISO4 /112O | SU | CCESS GUARANTEED | 20 | | |
| 7• | What happens in the reduction process? | | | | | |
| | (A) Loss of electrons(C) loss of hydrogen | electrons ygen | | | | |
| | (1) 1000 01 11, 01 08011 | | (2) 34111 01 011 | V 0 | | |
| | ZOOLOGY | | | | | |
| 8. | A Preparation of Living (or) killed micro – organism (or) viruses used in prevention of disease | | | | | |
| | through immunizati | on is called | (D) X7 | (D) Wassing | | |
| | (A) Toxoid(C) Viremia | | (B) Vaccine (D) Anti – tox | in | | |
| | (-) | | (=) = 11111 | | | |



TNPSC - GROUP 2A GENERAL STUDIES - 2016 (ENGLISH)

BOTANY

- What is Phototropism?
 (A) movement of plants towards chemicals
 (B) movement of plants towards light
 (C) movement of plants towards soil
 - (C) movement of plants towards soil(D) Response of plants for day length
- 10. The Crop which gets affected by pink ball worm is(A) Banana(B) Wheat(C) Mango(D) Cotton
- 11. In Higher plants the sporophytic phase is formed after growth and development of the Zygote point out the type of cell division involved in this growth.
 - (A) Mitosis (B) Meiosis
 - (C) Amitosis (D) Zygotic Meiosis
- 12. Kuhne's tube can be demonstrate the process of
 - (A) Fermentation(B) Germination of seeds(C) Growth of plants(D) Aerobic respiration
- 13. The source of energy in any eco system are(A) osmotrophs(B) Autotrophs(C) Lithotrophs(D) Hetrotrophs

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