



NEET

MODEL QUESTIONS

DAY-1

Subject : PHYSICS

- Consider the following and choose the correct answer
 - All measurements have units and their dimensions.
 - All measurements have units only.
 - Some measurements have units but no dimensions.
 - Some measurements have dimensions but no units.
- Which of the following statements about dipole moment is not true?
 - The dimensions of dipole moment is LTA.
 - The unit of dipole moment is Cm.
 - Dipole moment is vector quantity and directed from negative to positive charge.
 - Dipole moment is a scalar quantity and has magnitude equal to the potential energy of the system of charges.
- Radius of Earth is 6400 km and that of mars is 3200km. Mass of mars is 0.1 that of Earth's mass. Then the acceleration due to gravity on mars is nearly
 - 1 m/s^2
 - 2.5 m/s^2
 - 4 m/s^2
 - 5 m/s^2

Subject : CHEMISTRY

- Hydrogen forms compounds when it
 - Loses an electron
 - Gains an electron
 - Shares an electron
 - Loses, gains or shares an electron
- Which of the following molecules does not contain any π -bond?
 - $\text{C}_6\text{H}_5\text{OH}$
 - $\text{CH}_3\text{CH}_2\text{OH}$
 - CH_3COOH
 - CH_3CHO
- Weakly basic aqueous solution is given by
 - Sodium chloride
 - Sodium sulphate
 - Sodium bicarbonate
 - Ammonium hydrogen carbonate

Subject : BOTANY

- Consider BAC - Bacterial Artificial Chromosome vector Pick the wrong one
 - BAC is a shuttle plasmid vector.
 - BAC is created for cloning large sized foreign DNA.
 - BAC is not stable and not user friendly.
 - BAC can clone DNA inserts of upto 300 kb.
- Which of the following are likely to be present in deep sea water?
 - Archaeobacteria
 - Eubacteria
 - Blue green algae
 - Saprophytic fungi
- On a logarithmic scale, the species area relationship is a
 - Parabola
 - Hyperbola
 - Ellipse
 - Straight

Subject : ZOOLOGY

- An active form of Vitamin D3 which promotes calcium and phosphorus absorption from intestine and accelerates bone formation.
 - Calciferol
 - Calcitriol
 - Calcitriene
 - Dehydroxy calciferol
- Characteristic of mammalian liver is,
 - Kupffer's cells and leucocytes.
 - Leukocytes and canaliculi.
 - Glisson's capsules and kupffer cells.
 - Glisson's capsules and leucocytes.
- Match the following:

(a) Aquaporin	(i) Amide
(b) Asparagine	(ii) Polysaccharide
(c) Abscisic acid	(iii) Polypeptide
(d) Chitin	(iv) Carotenoids

 - (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)
 - (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)
 - (a)-(ii), (b)-(i), (c)-(iv), (d)-(iii)
 - (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)

Questions Provided by
VETR II NEET GATEWAY

Answer Keys:

1	2	3	4	5	6	7	8	9	10	11	12
(3)	(4)	(3)	(4)	(2)	(3)	(3)	(1)	(4)	(2)	(3)	(1)



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