



NEET

MODEL QUESTIONS

DAY-2

Subject : PHYSICS

- The area under the velocity-time graph for a particle moving in a straight line with uniform acceleration gives
 - Its average velocity.
 - Its net displacement.
 - The distance travelled by it.
 - Its average speed.
- A stone is thrown horizontally from the top of a 20 m high building with a speed of 12 m/s. It hits the ground at a distance R from the building taking $g = 10 \text{ m/s}^2$ and neglecting air resistance will give,
 - R = 12 m
 - R = 18 m
 - R = 24 m
 - R = 30 m
- Which two of the following five physical parameters have the same dimensions?
 - Latent heat
 - Refractive index
 - Acceleration due to gravity
 - Energy density
 - Gravitational potential
 - (a) and (d)
 - (b) and (d)
 - (c) and (e)
 - (a) and (e)

Subject : CHEMISTRY

- Among the following, which is incorrect regarding Phosphine synthesis?
 - Phosphorous with Calcium.
 - Heating Phosphorous acid.
 - Heating Phosphonium iodide with Caustic soda.
 - Hydrolysis of metallic Phosphide with water.
- In the crystal field splitting of tetrahedral complexes, the energy of orbitals are represented as,
 - t_2 and e_g
 - t_{2g} and e_g
 - e_g and t_{2g}
 - e and t_2
- $$\text{C}_6\text{H}_6 + \text{CH}_3\text{COCl} \longrightarrow \text{C}_6\text{H}_5\text{COCH}_3$$
 - Anhydrous AlBr_3
 - Anhydrous AlCl_3
 - Anhydrous FeCl_3
 - Anhydrous FeBr_3

Subject : BOTANY

- Choose the incorrect statement regarding Sieve tubes.
 - The sieve tube elements are arranged one above the other and form vertical sieve tube.
 - The sieve pores are longer and fewer in sieve tubes.
 - They are found in pteridophytes and gymnosperms.
 - Sieve tubes have companion cells.
- The stored food in Phaeophyceae is
 - Starch
 - Mannitol
 - Laminarin
 - Both (2) and (3)
- Match the following

a. Leptotene	i. Synapsis
b. Zygotene	ii. Crossing over
c. Pachytene	iii. Compaction of chromosomes
d. Diplotene	iv. Dissolution of synaptonemal complex

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

Subject : ZOOLOGY

- Bioluminescence property exhibited by
 - Physalia
 - Pleurobrachia
 - Balanoglossus
 - Petromyzon
- Deficiency of hormone secretion by Adrenal cortex leads to
 - Grave's disease
 - Acromegaly
 - Addison's disease
 - Diabetes insipidus
- In the below given ECG, identify X



- P
- Q
- R
- S

Questions Provided by
VETRII NEET GATEWAY

Answer Keys:

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



VETRII NEET GATEWAY

Best Academy for NEET Coaching

(Unit of VETRII IAS STUDY CIRCLE®)

www.vetriineet.com | Ph: 98844 21666 | 98844 32666

Free Mock Tests for Neet UG - 2023 on 22nd & 23rd April 2023
@ all VETRII Centers

CHENNAI | SALEM | KOVAI | MADURAI | TIRUNELVELI | THANJAVUR | KOVILPATTI

ADMISSIONS
OPEN

Avail upto

100%
SCHOLARSHIPS

for NEET UG -2024

Preparation