

CEE MODEL QUESTIONS

Q.1) What is the charge of a photon?

[1] $-e$

[2] e

[3] $+p$

[4] 0

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Q.2) A cell of internal resistance r is connected to an external resistance R . The current will be maximum in R if

[1] $R > r$

[2] $R < r$

[3] $R = r$

[4] $2r = R$

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Q.3) Which of the following is conserved in uniform circular motion?

[1] Displacement

[2] Momentum

[3] Kinetic Energy

[4] Acceleration

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Q.4) If the temperature of the atmosphere is increased then which of the following is affected?

[1] Frequency

[2] Amplitude

[3] Wavelength

[4] Intensity

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Q.5) Which is the best method to prepare Chloropropane?

[1] Groove's process

[2] Sandmayer's reaction

[3] Darzen Process

[4] HVZ reaction

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Q.6) What is the pH of dil. H_2CO_3 ?

[1] 3.6

[2] 10.5

[3] 7

[4] 6.8

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Q.7) Hybridization of carbon in graphite is:

[1] sp

[2] sp^2

[3] sp^3

[4] sp^3d

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Q.8) Hoffman Ammonolysis is used to prepare:

[1] NH_3

[2] $\text{CH}_3\text{CH}_2\text{NH}_2$

[3] $\text{CH}_3\text{CH}_2\text{COOH}$

[4] $\text{CH}_3\text{CH}_2\text{CONH}_2$

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Q.9) Leech and Earthworm are related by the presence of :

[1] Sucker

[2] Hooker

[3] Parapodia

[4] Clitellum

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Q.10) Quartan malaria is caused by:

[1] P vivax

[2] P malariae

[3] P falciparum

[4] P ovale

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Q.11) Which is responsible for hearing sensation?

[1] Basilar membrane

[2] Tectorial membrane

[3] Reissener membrane

[4] Cristae

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Q.12) Typhoid affects the Peyer's patches present in :

[1] Stomach

[2] Duodenum

[3] Ileum

[4] Rectum

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Q.13) Where is ribosomes synthesized?

[1] ER

[2] Golgi Complex

[3] Plastid

[4] Nucleolus

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Q.14) No. of ATP produced in mitochondria in anaerobic respiration is:

[1] 0

[2] 2

[3] 12

[4] 38

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Q.15) A normal female marries a colorblind male, then:

- [1] All offsprings are normal
- [2] All offsprings are color blind
- [3] Some offsprings are color blind
- [4] Son is normal and daughter is carrier

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Q.16) Smallest infectious agent is considered to be :

[1] Bacteria

[2] Virion

[3] Virusoid

[4] Prion

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Q.17) A boy goes 5 km north, turns right twice and continues to move after turning left thrice. He is now moving towards :

[1] East

[2] West

[3] North

[4] South

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Q.18) Find the missing out : 1 2 3 6

[1] 9

[2] 12

[3] 15

[4] 18

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Q.19) Find the missing number.

40	10	5
24	6	5
14	2	8
10	1	?

[1] 10

[2] 11

[3] 16

[4] 17

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Q.20) FROG :: ESNH

STAR ::

[1] RAST

[2] TSBQ

[3] RUZS

[4] PUAS