

Biology Model Question Paper - 13

Question 1 : Fleshy fruits with stony endocarp are called

- (A) Berries
- (B) Pomes
- (C) Drupes
- (D) Capsules

Answer: (C)

Question 2 : Fertilization occur in

- (A) Uterus
- (B) Ureter
- (C) Vagina
- (D) Fallopian tube

Answer: (D)

Question 3 : Examples for lateral meristems are

- (A) Fascicular cambium and procambium
- (B) Procambium and dermatogen
- (C) Fascicular cambium and cork cambium
- (D) Phellogen and procambium

Answer: (C)

Question 4 : Example of water soluble plant pigment is

- (A) Chlorophyll-a
- (B) Chlorophyll-b
- (C) Anthocyanin
- (D) Xanthophyll

Answer: (C)

Question 5 : Everytime, when the dosage of a drug has to be increased to achieve the same 'kick' that initially occurred in response to a smaller dose, this condition is known as _____.

- (A) Tolerance
- (B) Rebound effect
- (C) Addiction
- (D) Withdrawal symptoms

Answer: (A)

Question 6 : Electrons used in Electron Microscope are of the wavelength

- (A) 0.05 Å
- (B) 0.15 Å
- (C) 0.25 Å
- (D) 0.30 Å

Answer: (A)

Question 7 : Electric potential of the brain is recorded by

- (A) CT Scan
- (B) Sphygmomanometer
- (C) ECG
- (D) EEG

Answer: (D)

Question 8 : Edible part of Mushroom is

- (A) Basidiocarp
- (B) Primary mycelium
- (C) Fungal hyphae
- (D) Basidiospores

Answer: (A)

Question 9 : During Lactic acid fermentation, _____.

- (A) O₂ is used, CO₂ is liberated.
- (B) O₂ is not used, CO₂ is liberated.
- (C) O₂ is used, CO₂ is not liberated.
- (D) neither O₂ is used, nor CO₂ is liberated.

Answer: (D)

Question 10 : Due to nondisjunction of chromosomes during spermatogenesis, sperms carry both sex chromosomes (22A + XY) and some sperms do not carry any sex chromosome (22A + O).

If these sperms fertilize normal eggs (22A + X), what types of genetic disorders appear among the offsprings?

- (A) Down's syndrome and Klinefelter's syndrome
- (B) Turner's syndrome and Klinefelter's syndrome
- (C) Down's syndrome and Cri-du-chat syndrome
- (D) Down's syndrome and Turner's syndrome

Answer: (B)

Question 11 : Dog distemper is a disease carried by a _____.

- (A) bacterium
- (B) viroid
- (C) prion
- (D) virus

Answer: (D)

Question 12 : DNA gyrase, the enzyme that participates in the process of DNA replication is a type of

- (A) Reverse Transcriptase
- (B) DNA Topoisomerase
- (C) DNA Polymerase
- (D) DNA Ligase

Answer: (B)

Question 13 : A flower which can be divided into two equal halves by only one plane is

- (A) Zygomorphic
- (B) Actinomorphic
- (C) Regular
- (D) Perfect

Answer: (A)

Question 14 : An animal which has both exoskeletal and endoskeletal structures is

- (A) Tortoise
- (B) Frog
- (C) Jelly fish
- (D) Fresh water mussel

Answer: (A)

Question 15 : Banana bunchytop virus is transmitted through

- (A) *Pentalonia nigronervosa*
- (B) *Aedes aegypti*
- (C) *Culex sp*
- (D) *Agrobacterium sp*

Answer: (A)

