



- 1) Presence of dry and cornified skin, epidermal scales or scutes are characters of organisms belonging to which taxon?
 - a) Cyclostomata b) Reptilia
 - c) Pisces d) Amphibia
- 2) A number of muscle bundles are held together by a common _____ tissue layer called fascia. Select the option that correctly fills the blank.
 - a) Epithelial b) Neural
 - c) Muscular d) Connective
- 3) All of the following are involved in selective secretion of hydrogen ions except
 - a) PCT b) Loop of Henle
 - c) DCT d) Collecting duct
- 4) During the process of ultrafiltration, all of the given constituents of plasma can pass on to the lumen of Bowman's capsule, except
 - a) Lipids b) Glucose
 - c) Albumin d) Minerals
- 5) The amount of CO₂ delivered by 5L of deoxygenated blood to the alveoli is
 - a) 20 mL b) 2 mL
 - c) 200 L d) 200 mL
- 6) While performing chemical analysis of a living tissue, which of the following acids is required for grinding?
 - a) Hydrochloric acid b) Trichloroacetic acid
 - c) Sulphuric acid d) Acetic acid
- 7) Lubrication of the penis is the function of secretion of which male accessory gland(s)?
 - a) Bulbourethral glands b) Bartholin's glands
 - c) Seminal vesicles d) Prostate gland
- 8) Select the odd one among the following w.r.t marine habitat.
 - a) Labeo b) Exocoetus
 - c) Trygon d) Carcharodon
- 9) A triploblastic, pseudocoelomate animal among the following is
 - a) Wuchereria b) Fasciola
 - c) Hirudinaria d) Anopheles
- 11) Which of the following hormones is not produced by pars distalis?
 - a) ACTH b) MSH
 - c) FSH d) PRL
- 11) Select the odd one among the following w.r.t. structures present within testis.
 - a) Rete testis b) Seminiferous tubules
 - c) Testicular lobules d) Vas deferens
- 12) Which of the following methods is advised as a terminal method to prevent any more pregnancies?
 - a) IVF b) Implant
 - c) Tubectomy d) IUDs
- 13) Which of the following is present in the middle of each 'I' band?
 - a) M-line b) H-zone
 - c) A- band d) Z-line
- 14) During a cardiac cycle, each ventricle pumps out approximately 70 mL of blood which is called
 - a) cardiac output b) end systolic volume
 - c) end diastolic d) stroke volume
- 15) On an average, a female cockroach produces how many oothecae?
 - a) 14-16 b) 9-10
 - c) 25-30 d) 90-100
- 16) Identify the structure of brain which consists of fibre tracts that interconnect different regions of the brain.
 - a) Corpora quadrigemina b) Cerebral aqueduct
 - c) Limbic lobe d) Pons
- 17) The drugs that are used as medicines to help patients cope with mental illnesses like insomnia does not include
 - a) Cocaine b) Amphetamines
 - c) Barbiturates d) Benzodiazepines
- 18) In which of the following animal kidneys do not play any significant role in removal of nitrogenous waste?
 - a) Canis b) Clarias
 - c) Felis d) Delphinus

Answer Key for 29-04-2025 NEET MODEL QUESTION PAPER – BOTANY

Q	44	45	46	47	48	49	50	51	52
A	D	A	C	B	A	A	A	A	B
Q	53	54	55	56	57	58	59	60	
A	A	C	C	B	B	C	B	D	

- தொடரும்

