

Inter (Part-II) 2018

Biology	Group-II	PAPER: II
Time: 20 Minutes	(OBJECTIVE TYPE)	Marks: 17

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- The blood vessel supplying the blood to Bowman's capsule is:
- (a) Afferent arterioles ✓
 - (b) Efferent arterioles
 - (c) Renal artery
 - (d) Renal vein
- 2- A network of closed tubules without internal opening is called:
- (a) Metanephridium
 - (b) Protonephridium ✓
 - (c) Nephridium
 - (d) Sub-metanephridium
- 3- The sclerenchyma has thick secondary walls usually impregnated with:
- (a) Chitin
 - (b) Pectin
 - (c) Silica
 - (d) Lignin ✓
- 4- The plantigrade animals used to walk on their:
- (a) Digits
 - (b) Tips of toes
 - (c) Soles ✓
 - (d) Belly
- 5- The part of human limbic system:
- (a) Amygdala ✓
 - (b) Thalamus
 - (c) Cerebrum
 - (d) Pons
- 6- The leaf unrolling is promoted by red light in:
- (a) Monocot ✓
 - (b) Dicots
 - (c) Ferns
 - (d) Gymnosperms
- 7- The corpus luteum secretes a hormone:
- (a) Oxytocine
 - (b) Progesterone ✓
 - (c) Oestrogen
 - (d) Testosterone

- 8- A chromosome with equal length of its arms:
(a) Acrocentric (b) Telocentric
(c) Metacentric ✓ (d) Sub-metacentric
- 9- The average cell cycle in humans is:
(a) 12 hours (b) 24 hours ✓
(c) 36 hours (d) 48 hours
- 10- The interphase of meiosis lacks the stage:
(a) G_0 (b) G_1
(c) G_2 ✓ (d) S
- 11- A gene with a multiple phenotypic effect is:
(a) Polygenic (b) Bombay type
(c) Monogenic (d) Pleiotropic ✓
- 12- Cystic fibrosis patients lack a gene that codes for a trans-membrane carrier of:
(a) Sodium ion (b) Potassium ion
(c) Carbonate ion (d) Chloride ion ✓
- 13- Which one of the following is endangered in Pakistan?
(a) Indian rhino (b) Indus dolphin ✓
(c) Cheer pheasant (d) Tiger
- 14- The term niche was first proposed by Joseph Grinnell, an American:
(a) Embryologist (b) Ecologist
(c) Ornithologist ✓ (d) Physiologist
- 15- The zoological name of leopard cat is:
(a) Felis-domestica (b) Felis-leo
(c) Felis pardos (d) Felis bengalensis ✓
- 16- A single chlorine atom can react with ultraviolet rays and destroy as many as ozone molecules:
(a) One million ✓ (b) Two million
(c) One billion (d) Two billion
- 17- The individuals who born with abnormal organs or body parts is called:
(a) Malformed ✓ (b) Malignant
(c) Falignant (d) Malfunction