

REFERENCE IN SUPPORT OF ANSWER CORRECTION IN BIOLOGY

CORNEA-S6

Paper Code S6

Question no 75

NTA /CBSE given ANS IS 2

Claim ans is 3

**Cornea is protective

Ref book

Occular anatomy and physiology by

A.I. Lens Sheila coyen nemeth chapter 5, pg no. 34

** proteinacious nature

Ref book

1. Ophthalmology A K Khurana

Page no 114

This layer consist of acellular mass of collagen fibres

2. Principles of anatomy and physiology TORTORA page no .608

middle coat of cornea consists of collagen and fibroblasts

Why option 2 is wrong (most sensitive portion of eye)

Stimulus is not defined because primary function of eye is vision and visual acuity.

Ref book

1. Ncert 11 last line para 3 pg no 324

It is (fovea) is the point where visual acuity (resolution) is greatest .

2. Medical physiology 25 edition GANONG

page no 155 last line

Rods are extremely sensitive to light

Page no 168 Retina become more sensitive to light

CELL CYCLE (G₀)

Paper Code – P2

Q.No.- 163

NTA Ans. -3

Claim Answer -1

Term Exit is more appropriate for G₀ phase as compare to suspend because cell first exit from the cell cycle and then decides whether cell cycle will be suspended or terminated so most correct answer is exit from the cell cycle rather than suspend.

Reference :

NCERT BIOLOGY (CLASS XI) Text book (EDITION- March 2003)

Page 183 [Fig. 11.1 (G₀ Shown as exited from cell cycle) and Para -2 (11th to 15th line)]

ENZYME

PAPER CODE – P 2

QUE NO – 157

NTA ANS – 2

CLAIM ANS -3

Prosthetic group differ from co-enzyme in that –

- (1) they require metal ions for their activity.
- (2) they (prosthetic group) are tightly bound to apoenzymes.
- (3) their association with apoenzymes is transient.
- (4) they can serve as co-factors in a number of enzyme – catalyzed reactions.

Above is Question 63 of This year NEET exam held on May 20th 2019, Code G1. In this question according to NTA answer key Ans is (2), so in this question prosthetic group are considered as different group from coenzyme according to NCERT BIOLOGY (CLASS XI) TEXT BOOK and the same should be followed in the NEET Exam (5th May, 2019), and according to same scenario the Ans of question 157 in NEET Exam (5th May, 2019) should be Ans (3).

Dear Students,

please change Paper Code and Question no according to your Paper Code.