

NEET HUMAN HEALTH AND DISEASE — AIDS — PYQS

Max. Marks: 32

Questions: 8

Section A (MCQ) — 8 questions

Q.1 In which blood corpuscles, the HIV undergoes replication and produces progeny viruses?

[NEET (UG) 2023]

- (1) B-lymphocytes (2) Basophils
(3) Eosinophils (4) T_H cells

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Q.2 Which of the following is correct regarding AIDS causative agent HIV ?

[NEET 2016 (Phase 2)]

- (1) HIV is unenveloped retrovirus
(2) HIV is enveloped virus containing one molecule of single-stranded RNA and one molecule of reverse transcriptase.
(3) HIV does not escape but attacks the acquired immune response
(4) HIV is enveloped virus that contains two identical molecules of single-stranded RNA and two molecules of reverse transcriptase

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Q.3 HIV that causes AIDS, first starts destroying

[AIPMT 2015 (Cancelled)]

- (1) thrombocytes
(2) leucocytes
(3) helper T-lymphocytes
(4) B-lymphocytes

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Q.4 At which stage of HIV infection does one usually show symptoms of AIDS ?

[AIPMT 2014]

- (1) Within 15 days of sexual contact with an infected person.
(2) When the infected retro virus enters host cells.
(3) When HIV damages large number of helper T-Lymphocytes.
(4) When the viral DNA is produced by reverse transcriptase.

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Q.5 A certain patient is suspected to be suffering from Acquired Immuno Deficiency Syndrome. Which diagnostic technique will you recommend for its detection?

[AIPMT 2011 (Prelims)]

- (1) ELISA (2) MRI
(3) Ultra sound (4) WIDAL

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Q.6 At which stage of HIV infection does one usually show symptoms of AIDS?

[AIPMT 2011 (Prelims)]

- (1) When the infecting retrovirus enters host cells
(2) When viral DNA is produced by reverse transcriptase
(3) When HIV replicates rapidly in helper T-lymphocytes and damages large number of these
(4) Within 15 days of sexual contact with an infected person

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Q.7 Which one of the following statements is correct with respect to AIDS ?

[AIPMT 2010 (Prelims)]

- (1) The causative HIV retrovirus enters helper T-lymphocytes thus reducing their numbers
(2) AIDS patients are being fully cured cent per cent with proper care and nutrition
(3) The HIV can be transmitted through eating food together with an infected person
(4) Drug addicts are least susceptible to HIV infection

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Q.8 HIV that causes AIDS, first starts destroying

[AIPMT 2006]

- (1) Helper T-lymphocytes
(2) B-lymphocytes
(3) Leucocytes
(4) Thrombocytes

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ANSWER KEY

Ques.	1	2	3	4	5	6	7	8			
Ans.	4	4	3	3	1	3	1	1			