



### **BIOLOGY**

# BOOKS - TRUEMAN BOOK COMPANY BIOLOGY (HINGLISH)

# AIPMT-2014 (BIOLOGY IN HUMAN WELFARE )



**1.** What gases are produced in anaerobic sludge digesters

A. Hydrogen Sulphide and  $CO_2$ 

B. Methane and  $CO_2$  only

C. Methane, Hydrogen Sulphide and  $CO_2$ 

D. Methane, Hydrogen Sulphide and  $O_2$ 

Answer: C

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2. At which stage of HIV infection does one

usually show symtomas of AIDS

A. When the viral DNA is produced by tran-

scriptase

B. Within 15 days of sexual contact with an

infected person

C. When the infected retro virus enters

host cells

D. When HIV damages large number of

helper T-lymphocytes

#### Answer:



**3.** Which is the particular type of drug that is obtained from the plant whose one flowering branch is shown below?



A. Pain-killer

B. Hallucinogen

C. Depressant

### D. Stimulant

#### Answer:

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**4.** In vitro clonal propagation in plants is characterized by

A. Microscopy

B. PCR and RAPD

C. Northern blotting

D. Electrophoresis and HPLC

#### Answer:

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**5.** To obtain virus-free healthy plants from a diseased one by tissue culture technique, which part/parts of the diseased plant will be taken?

A. Epidermis only

- B. Apical meristem only
- C. Palisade parenchyma
- D. Both apical and axillary meristems

Answer: D

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