

①: 27/09/16

FYBSC SEM II

MAX MARKS:75

DURATION : 2hr 30 min

ZOOLOGY PAPER-II (OLD SYLLABUS)

COURSE CODE USZO202

Q1.ANSWER THE FOLLOWING(ANY 2)

(20 MKS)

- A) Describe types of lipids
- B) Explain biological role of lipids
- C) Describe structure of RNA
- D) Give differences between RNA and DNA

Q2.ANSWER THE FOLLOWING(ANY 2)

(20 MKS)

- A) Answer briefly about transgenic animals for production of pharmaceuticals.
- B) Animal cloning experiment for dolly.
- C) Explain gene therapy for cystic fibrosis.
- D) Concept of bioremediation.

Q3.ANSWER THE FOLLOWING(ANY2)

(20 MKS)

- A) Explain chemical evolution
- B) Explain natural selection
- C) Describe ecological niches and adaptation
- D) Explain unique features of modern man.

Q4 ANSWER THE FOLLOWING(ANY3)

(15 MKS)

- A) Fatty acids
- B) Cloning
- C) Function of DNA
- D) Function of RNA
- E) Lipid bilayer model
- F) biodiversity

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