

DEPARTMENT OF BIOPHYSICS

UNIVERSITY OF MUMBAI

SAMPLE MCQ QUESTIONS

BP-CCT 402 Environmental Biophysics

Q.1 The internationally recommended unit for conductance is

- A) Poise
- B) Dyne
- C) Ohm
- D) Siemens

Q. 2 The study of living organisms with the environment is known as

- A) Ecosystem
- B) Environment
- C) Community
- D) Ecology

Q.3 The process by which air flows from one location in the atmosphere to another is called

- A) Convection
- B) conduction
- C) absorption
- D) radiation

Q.4 The convection heat transfer coefficient depends upon

- A) the thermal properties of fluid
- B) geometry of the system
- C) characteristics of the fluid flow
- D) all of the above

Q.5 What are the possible ways to avoid gravity

- A) development of antigravitational strategies
- B) to synthesize structural protein
- C) to synthesize cytoskeletal proteins
- D) all the above

Q.6 The force that initiates evolution is

- A) Variation
- B) Mutation
- C) Extinction
- D) Adaptation

Q.7 The value of 'g'

- A) Increases as we go above the earth's surface
- B) Decreases as we go to the centre of the earth
- C) Remains constant
- D) Is more at equator and less at poles

Q.8 The amount of heat flow through a body by conduction is

- A) Directly proportional to the surface area of the body
- B) Directly proportional to the temperature difference on the two faces of the body
- C) Dependent upon the material of the body
- D) All of the above

Q.9 Prolong Space flight and response related

- A) Affect bone structure
- B) Affect Blood circulation
- C) Affect systolic/diastolic blood pressure
- D) All of the above

Q.10 microgravity related to

- A) Positive G
- B) Negative G
- C) Weightless ness
- D) All of the above