

Total Marks: 75

N.B: 1. All questions are compulsory.

2. Figures to the right indicate marks.

3. Draw neat and labeled diagrams wherever necessary

- Q.1) (A) Explain Primate Behavioral Ecology with respect to reproductive strategies & Grooming. (7)
- OR
- (A) Enlist Aerial Adaptations. (7)
- (B) Define Homologous organs with suitable examples & diagram. (8)
- OR
- (B) Explain Fossorial & cursorial Adaptations. (8)
- (C) Attempt any ONE of the following: (5)
- (i) With neat & labeled diagram, Explain Vestigial Organs.
- (ii) Dessert Adaptations.
- Q.2) Give an account of the following: (7)
- (A) Write a note on the sociocultural theory of personality development given by Lev Vygotsky (7)
- OR
- (A) Explain Erik Erikson's psychosocial stages of development (7)
- (B) Explain Freud's views in the development of personality (8)
- OR
- (B) Explain bioecological perspective of development given by Urie Bronfenbrenner (8)
- (C) Attempt any ONE of the following: (5)
- (i) Explain Cindy Hazan and Philip Shaver's views on attachment theory and close relationships
- (ii) Write a short note on Carl Roger's views on Humanistic psychology
- Q.3) Give an account of the following: (7)
- (A) What are the principles of HCI (Human Computer Interaction) design? (7)
- OR
- (A) What is HCI (Human Computer Interaction)? What are the goals of HCI? (7)
- (B) What is BCI? With examples, explain how BCI based Neuro-prosthetics can enhance hearing and communication. (8)
- OR
- (B) What is virtual community? Discuss the effects of Virtual community. (8)

(C) Attempt any ONE of the following:

(5)

(i) Write note on Surveillance

(ii) Write note on Privacy

Q.4) Attempt Any THREE of the following:

(15)

(i) Write a note on any three Protective Adaptations.

(ii) Explain Analogous Organs.

(iii) Explain the views of Mary Ainsworth in attachment theory

(iv) Explain cognitive development in children as given by Jean Piaget

(v) What is cyber crime? What are the types of cyber crimes?

(vi) What is Internet? Discuss the types of Internet relationships.

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