

QP CODE : 20426

(3 Hours)

Marks : 100

- NB : (1) **All** questions are **compulsory**.
 (2) **Figures** to the **right** indicate full **marks**.
 (3) Draw neat, labelled diagrams wherever necessary.

1. (A) Fill in the blanks by choosing the correct option :- 05

- (a) _____ has deep red to brown body with white fur in belly area.
 a. Mantis shrimp b. Malabar giant squirrel
 c. Malabar pit viper
- (b) Common Kingfisher has _____ beak.
 a. long and pointed
 b. short and curved
 c. deeply curved
- (c) Gorilla's clenched teeth with mouth closed indicate _____.
 a. fear b. anger c. affection
- (d) Butter is clarified into _____ at low temperature.
 a. paneer b. curd c. ghee
- (e) pH range of _____ is suitable for survival of earthworms.
 a. 4 - 7 b. 5 - 9 c. 9 - 11

(B) Match the columns I and II and rewrite. 05

- | I | II |
|----------------------|-------------------------------------|
| (a) Drongo | (i) Dog breed |
| (b) Lion | (ii) Dr.Kurien |
| (c) Blue mormon | (iii) Forked tail |
| (d) German shepherd | (iv) Predatory behaviour |
| (e) White revolution | (v) State butterfly of Maharashtra. |

(C) State whether true or false 05

- (a) Lesser flemingo is a tall, large bodied bird with a long neck and small head.
 (b) Animals can not use chemical communication.
 (c) Deers often hunt in social units called pride.
 (d) Earthworms can tolerate higher salt concentration in soil.
 (e) Milk is important source of dietary calcium.

[TURN OVER]

- (D) Answer in one sentence. 05
- (a) Which is the fish having ability to walk on mudflats ?
 - (b) Which is the fastest mammal on land ?
 - (c) Give the full form of FAP.
 - (d) State any one advantage of vermicompost.
 - (e) What is skimmed milk ?
2. (A) Give an account of Komodo dragon and Great white pelican. 10
- OR**
- (A) Describe flying frog and gharial. 10
2. (B) Describe **any two** of the following. 10
- (a) Striped tiger butterfly
 - (b) Sperm whale
 - (c) The Matilda viper
 - (d) Mantis shrimp
3. (A) Discuss Nature versus Nurture controversy. 10
- OR**
- (A) Describe community wild life conservancies in Namibia. 10
3. (B) Describe **any two** of the following. 10
- (a) In - situ conservation strategies.
 - (b) Social behaviour in elephants.
 - (c) Courtship behaviour in Great crested Grebe
 - (d) Extinction crisis
4. (A) Describe different species of earthworms used in vermiculture 10
- OR**
- (A) Describe care and breeding behaviour of Gold fish and Siamese fighting fish. 10
4. (B) Describe **any two** of the following. 10
- (a) Cheese
 - (b) Mudhol hound dog
 - (c) Persian cat
 - (d) Milk powder

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5. Write short notes on **any four** of the following :

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- (a) Flying fish
 - (b) The Michael Jackson monkey
 - (c) HIPPCO
 - (d) Defensive behaviour in Octopus
 - (e) Ice-cream
 - (f) Windrows method of vermicomposting
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