

Total number of printed pages-3

53 (FPT 703) FAAL

2013

(December)

FOOD ADDITIVES & LEGISLATION

Paper : FPT 703

Full Marks : 100

Pass Marks : 30

Time : Three hours

***The figures in the margin indicate full marks
for the questions.***

Answer any five questions.

1. (a) Explain the working mechanism of buffer system in foods. 5
- (b) How do chelating / sequestering agents work? 3
- (c) What are the sources of masticatory substances? 2
- (d) Write a note on colorants as food additives. 5

Contd.

- (e) Write a note on flavoring agents as food additives. 5
2. (a) Describe the various categories of non-nutritive sweeteners. 15
- (b) Explain what you know about 'Polyols' as food additives. 5
3. Write notes on : $4 \times 5 = 20$
- (i) Clarifying agents
- (ii) Gases
- (iii) Propellants
- (iv) Glazing agents.
4. Write notes on : $4 \times 5 = 20$
- (i) Nutrient supplements
- (ii) Fat replacers
- (iii) Class II preservatives
- (iv) Unintentional additives.

5. Write notes on : (*any four*) 4×5=20

PFA (1954), SWMA, Agmark, Codex Alimentarius, WTO.

6. Write notes on : (*any four*) 4×5=20

FPO (1955), MPO (1977), BIS, Export Quality Control and Inspection Act (1963), GATT.

7. Write notes on : 4×5=20

Consumer Protection Act (1986), VCO (1978), ISO, Environment Protection Act (1986).