

POST GRADUATE DIPLOMA IN
FOOD SCIENCE AND TECHNOLOGY
(PGDFT)

Term-End Examination

June, 2013

MFT-004 : FOOD PACKAGING, SAFETY AND
QUALITY MANAGEMENT

Time : 3 hours

Maximum Marks : 70

Note : Question No.1 is compulsory and from the remaining questions answer any four.

1. Differentiate the following - *any five* : 2x5=10
 - (a) Quality Control and Quality Assurance
 - (b) Pasteurization and sterilization
 - (c) PVC and PP Packaging
 - (d) Food safety officer and Food chemist
 - (e) Crown cap and Screw cap
 - (f) Vertical and horizontal auditing
 - (g) ISO : 17025 and ISO : 14000

2. Write short notes on the following : 5+5+5=15
 - (a) Aseptic processing and packaging
 - (b) Calibration of test equipments
 - (c) HACCP

3. Expand the following : 1x15=15
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| (a) FPO | (b) LDPE |
| (c) AGMARK | (d) a_w |
| (e) GLP | (f) NABL |
| (g) EMS | (h) MFPI |
| (i) TBT agreement | (j) MPL |
| (k) FSSAI | (l) MAP |
| (m) CAP | (n) WVTR |
| (o) GTR | |
4. (a) Explain the use of different types of multi-layer lamination packaging. 7½
- (b) What is modified atmosphere packaging ? Describe the technique involved. 7½
5. (a) What are the labelling regulations for packaged foods under the Food Safety & Standards Act ? 7½
- (b) Why foods are adulterated ? List the common adulterants suspected in different types of foods. 7½
6. (a) Write the advantages of laboratory accreditation. 7½
- (b) What are the export - import policies adopted in India for the food trade ? 7½
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