

**SARDAR PATEL UNIVERSITY**  
**SY BSc (HOME.) (IV SEM.) (CBCS) EXAMINATION**  
**Friday, 23<sup>rd</sup> March 2012**  
**3 - 6 pm**

**UH04CFRM07 : Household Equipment - I**

**Total Marks: 70**

Q.1

(a) State whether following sentences are true or false. [05]

- (1) Glass is a good conductor of heat.
- (2) Brass is an alloy of copper and zinc.
- (3) Bronze is hard and brittle metal.
- (4) Stainless steel is affected by acids and alkalies.
- (5) Porcelain is a metallic finish.

(b) Fill in the blanks. [05]

- (1) \_\_\_\_\_ works on principle of pressure.
- (2) Full form of BIS is \_\_\_\_\_.
- (3) Blades of food chopper are made of \_\_\_\_\_ material.
- (4) Fluorocarbon is \_\_\_\_\_ applied finish.
- (5) \_\_\_\_\_ works on the principle of gear.

Q.2 Answer **any four** of the following. [16]

- (1) Discuss construction, cleaning and care of beaters.
- (2) Explain types of knives with diagram.
- (3) Evaluate sev making machine in terms of design, material and care.
- (4) Describe construction and working of solar cooker.
- (5) Explain methods of forming utensils.

Q.3 Describe trends in materials and design of equipments by giving [09]  
examples.

**OR**

Q.3 Discuss about surface cookery utensils. [09]

Q.4 Answer in short. (**any five**) [10]

- (1) State the importance of household equipments.
- (2) How ISI is advantages to consumers and manufacturers.
- (3) Differentiate traditional and modern equipments.
- (4) Evaluate graters in terms of design and cleaning.
- (5) Write about measuring devices.
- (6) Enlist factors affecting selection of equipments.
- (7) Write methods to prevent abrasion in equipments.

Q.5 Write short note on **any three**. [15]

- |                           |                                |
|---------------------------|--------------------------------|
| (1) Insulating materials  | (2) Methods of joining handles |
| (3) Oven cookery utensils | (4) Methods of heat transfer   |

Q.6

- (a) Give classification of finishes. [02]  
 (b) Describe metallic applied finishes. [08]

**OR**

Q.6

- (a) Enlist materials used for household equipments. [02]  
 (b) Discuss properties, cleaning and care of aluminum and plastics. [08]

