

**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641 043**

**Master's Degree Examination – November 2017
I Semester**

Class: I PG

Major: Interior Design and Resource Management

Max. Marks: 60

Time: 3 Hours

17MIRC05 Household Equipment

Part – A

10 x ½ = 5

Choose the correct Answer

1. A type of finish given to aluminum utensils to form hard wear resistance is
a) Anodized b) Mechanical c) Synthetic d) Permanent
2. The method of manufacturing utensils by pouring the molten metal into mould is
a) Drawn b) Stamped c) Cast d) Spun
3. The current is made to flow by difference in pressure is
a) Electricity b) Current c) Voltage d) Circuit
4. Resistance offered for the current flow is measures in
a) Ohms b) Voltage c) Ampere d) Watts
5. A device used for maintaining a fairly constant temperature eliminating over heating is
a) Switches b) Knobs c) Thermostat d) Strip
6. In refrigerator it is economical to have a good
a) Door b) Cabinet c) Space d) Insulator
7. A fully automatic washing machine works based on a system
a) Embedded b) Electric c) Hydraulic d) Magnetic
8. MCB is an
a) Insulator b) Conductor c) Circuit Breaker d) Pole breaker
9. Coffee maker is an example for
a) Big appliance b) Small appliance c) Large appliance d) Mini appliance
10. Standards in household equipment are important for the safety and
a) Technical b) Aesthetic c) Size d) Colour

Part – B

5 x 4 = 20

Answer All Questions

Each answer should not Exceed 200 Words or One Page

- 11 (a) Discuss the special features of automatic laundry washers
(Or)
- 11 (b) Discuss about fan and fan chambers of electric vacuum cleaner
- 12 (a) What is BIS? Mention the standards already developed by them
(Or)
- 12 (b) Write a short note on Rock or mineral wool
- 13 (a) Discuss about stamped utensils
(Or)
- 13 (b) Name the consumer electronic appliances working on embedded system.
- 14 (a) What is the role of name plate on motor driven appliances?
(Or)
- 14 (b) Briefly write about conductors and Insulators
- 15 (a) Discuss the types of plastics used in household equipment
(Or)
- 15 (b) Write about heat resisting glass and porcelain enamel ware

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Part – C

5 x 7 = 35

Answer All Questions

Each answer should not Exceed 600 Words or three Page

- 16 (a) Discuss the role handles and spouts in utensils
(Or)
- 16 (b) Briefly outline the recent trends in metallic applied finishes to cooking utensils
- 17 (a) List six kitchen tools and write about any two briefly
(Or)
- 17 (b) Explain the three types of circuits through which current flows
- 18 (a) What is embedded system? Discuss its use in any one household appliance
(Or)
- 18 (b) Discuss the selection, use and care of a toaster
- 19 (a) Explain types of house wiring
(Or)
- 19 (b) Write few suggestions for economical use of electricity and gas
- 20 (a) Discuss the characteristics desirable for a refrigerant
(Or)
- 20 (b) State the need for ergonomically designed household equipment