



# Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

## Bachelor's Degree Examination – July 2020 VI Semester

Class: III UG

Time : 2 Hours

Major: Interior Design and Resource Management

Max. Marks : 50

15BIDC25 Kitchen Equipment

### Part A

10 x 1 = 10

#### Choose the Correct Answer

- Electric energy unit is  
a. watt- hour  
b. volt  
c. ampere  
d. ohms
- The path through which current travels is  
a. electric circuit  
b. electric energy  
c. voltage  
d. ampere
- An excellent conductor of electricity is  
a. copper  
b. aluminium  
c. iron  
d. zinc
- Electromagnetic radiation is used for heating in  
a. water heater  
b. toaster  
c. microwave oven  
d. refrigerator
- The most common cooking system used is  
a. halogen cooking system  
b. induction cooking system  
c. solid-disk cooking system  
d. pilotless gas cooking system
- The temperature inside the refrigerator fresh food section and should be  
a. 40<sup>0</sup> F  
b. 35<sup>0</sup> F  
c. 5<sup>0</sup> F  
d. 45<sup>0</sup> F
- Universal motor can be operated in  
a. ac supply  
b. dc supply  
c. both in ac/dc supply  
d. battery
- The rotor in the motor is also referred as  
a. stator  
b. commutator  
c. armature  
d. shaft
- The electrical equipment used to blend, chop, dice and slice is.  
a. wet grinder  
b. food processor  
c. chopper  
d. knife
- The.....is located inside the door behind the control panel of a dishwasher  
a. access panel  
b. heating element  
c. control mechanism  
d. power supply

**Part B**

**3 x 6= 18**

Answer any **Three** questions

**Each answer should not exceed 400 words or two pages**

11. Enumerate the factors to be considered while selecting major electrical equipment.
12. Write Meaning and importance of equipment.
13. Write a short note on ovens.
14. What are three effects utilized in household electrical appliances? Explain.
15. Write a brief note on the terms volt, watt, ohms, resistance.
16. Discuss as how will you calculate the operating cost of the equipment.
17. How will you care and maintain a refrigerator at home.
18. Write short notes on solid-disk cooking.
19. Describe the steps involved in cleaning an oven.
20. Give a brief note on the recent trends in availability of any four kitchen equipment in the market.

**Part C**

**2 x11 = 22**

Answer any **Two** questions

**Each answer should not exceed 800 words or four pages**

21. Elaborate on different types of cooking.
22. Write a detailed note on history of stoves.
23. Classify the kitchen equipment in various ways.
24. Explain the different type of materials that are used on equipments.
25. How useful and efficient is to prepare coffee using coffee maker? Justify your response.
26. Explain the parts of a mixer grinder and its working mechanism with suitable illustrations.
27. Discuss oven cooking and the types of oven.
28. Draw, explain the parts and the principles of working of a microwave oven.
29. Explain the safety aspects that are to be considered while handling electrical appliances.
30. Elaborate the procedure that are involved in purchase of equipment.

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