

**Avinashilingam Institute for Home Science and Higher Education for Women  
(Deemed to be University) Coimbatore-641 043**

**Bachelor's Degree Examination – November 2018**

**I Semester**

**Class : : I UG  
Major : Physician Assistant**

**Time :3 hours  
Max. Marks: 100**

**18BPACO4 – Infection Control  
PART -A**

**Circle the correct answer 10X1=10**

1. Factors predisposing to microbial pathogenicity are the following  
Except
  - a. Invasiveness
  - b. Toxigenicity
  - c. Communicability
  - d. Host community
2. Endemic is the term denotes when the disease is present in
  - a. Particular area
  - b. An area at time
  - c. Many areas
  - d. All areas all time
3. The ability of the microbes to cause disease is called
  - a. Virulence
  - b. Pathogenicity
  - c. Infection
  - d. Sepsis
4. The barrier against microorganisms are the following except
  - a. Intact attire
  - b. intact skin
  - c. Surgical attire
  - d. Shedding of bacteria
5. Povidone iodine solution scrubbed for
  - a. 5 mts
  - b. 4 mts
  - c. 3 mts
  - d. 2 mts
6. Escherichia coli is the bacterial flora of
  - a. Brain
  - b. Kidney
  - c. large bowel
  - d. Liver
7. Appropriate agent for high level disinfectant are the following  
Except
  - a. Soap
  - b. Chlorine
  - c. Gluteraldehyde 2 %
  - d. Formaldehyde 8 %
8. Dispose of sharps in
  - a. Ordinary dustbins
  - b. Puncture resistant container
  - c. Green colour container
  - d. Red colour
9. Removing organic waste from the floor is called
  - a. Cleaning
  - b. Decontamination
  - c. Disinfection
  - d. Sterilization
10. The sterilized articles kept in airtight container cannot be  
used beyond
  - a. 5 days
  - b. 7 days
  - c. 10 days
  - d. 14 days

**Part B**

**5 X 6=30**

**Answer the following  
Answer should not exceed 400 words or two pages**

11. a. Discuss the types of micro organisms  
(Or)
11. b. Discuss the Disinfectants
12. a. Describe the use and disposal of needles and other sharps  
(Or)
12. b. Discuss the steps of processing articles, equipments and instruments after use
13. a. Describe decontamination  
(Or)
- 13.b. Cohort isolation of airborne infections
14. a. What are the aseptic techniques to maintain surgical asepsis  
(Or)
- 14.b. Discuss the aims of infections control
15. a. Discuss the techniques of Hand washing  
(Or)
15. b. How well you dispose solid and semisolid waste

**Part C**

**5 x 12=60**

**Answer the following  
Answer should not exceed 800 words or four pages**

16. a. Define sterilization and discuss the different methods  
(Or)
16. b. Discuss the standard universal precautions for infection Control
17. a. Define cleaning and explain different methods  
(Or)
17. b. Discuss the category of hospital waste, their treatment and Disposal.
18. a. Plan a safe environment in operation theatre  
(Or)
18. b. Describe the chain of infection and methods of control
19. a. How to maintain a sterile HLD field for surgical asepsis  
(Or)
19. b. Discuss the chemicals appropriate for HLD
20. a. Discuss the infection precautions in Housekeeping  
(Or)
20. b. Discuss wearing and removing gloves with diagram

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