

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE AND ENGINEERING

DEPARTMENT: HEALTH SCIENCES

PROGRAMME: Post Graduate Diploma in Infection Prevention and Control (PGDIPC)

STUDENT REGISTRATION NUMBER

COURSE CODE: IPC 102(2): Risk Management, Adult Education, Leadership and Advocacy

DURATION: 2 HOURS

TOTAL MARKS: 100 MARKS

INSTRUCTION TO CANDIDATES

Answer ALL questions

Section A: SPOT TEST (15 minutes)

Total marks 10 Marks

Each slide will be projected for 1½ minutes ONLY

Slide 1: What are the risk practices?

Slide 2: Comment on the risk of such practices.

Slide 3: Which standard precaution is not being observed. Identify the risk.

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Slide 9: Identify the bad practices. What is the risk?

Slide 10: Comment on the risk practices

Section B: COMPULSORY
ANSWER ALL QUESTIONS

Total marks = 10

Encircle the correct answer on the question paper using a blue/black pen.

1. Choose ONE (1) correct answer: Consider the following scenario:
You observe your colleague touching patient area then going away without performing hand hygiene. You will:
 - a) Walk over and scold at the colleague
 - b) Report the colleague to the Clinical Director
 - c) Remind the colleague to perform hand hygiene then speak to your supervisor to suggest refresher education on causes of HAI
 - d) Do nothing
2. Choose ONE (1) correct answer: What should you do if your hands touch the sink while you are washing your hands?
 - a) Apply more friction during procedure
 - b) Repeat the procedure
 - c) Add more soap to your hands
 - d) Continue to wash your hands

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3. Choose ONE (1) correct answer: Why is it important for you to perform hand hygiene prior to leaving an isolated area?
- a) To reduce the risk of not contaminating fellow health care professionals only.
 - b) To reduce the risk of not contaminating the surrounding environment
 - c) To only reduce the risk of contaminating yourself.
 - d) To reduce the risk of contaminating visitors and other clients
4. Choose ONE (1) correct answer: Which of the following is the most intellectually rich period of a human being?
- a) Childhood
 - b) Adolescence
 - c) Adulthood
 - d) Old age
5. Choose ONE (1) correct answer: Role plays are a more effective method for teaching:
- a) Critical thinking
 - b) Attitude change
 - c) Practical Skills
 - d) Thinking skills
6. Choose ONE (1) correct answer: Which of the following is NOT a behaviour change strategy
- a) Habit
 - b) Education and training
 - c) Research and development
 - d) Communication and feedback mechanisms
7. Choose ONE (1) correct answer: Which of the following are components of the Quality measures in health care:
- a) Policy, structure and process

- b) Process, outcome and policy
 - c) Structure, outcome and policy
 - d) Structure, outcome and process
8. Choose ONE (1) correct answer: Which of the following statements is NOT true?
- An empowered patient:
- a) Takes control of his/her own health
 - b) Is used to control his/her life using new technologies and expect to do the same with their health
 - c) Is informed and uses different online channels and communities to stay informed about medical conditions, medicine and therapies.
 - d) Allows others control his/her health
9. Choose ONE (1) correct answer: Before carrying out any Infection control improvement project, what should you do first?
- a) Analyse the findings from the project
 - b) Ask your supervisor for special funding
 - c) Tell people what they need to do
 - d) Document the detail of the proposed project
10. Choose ONE (1) correct answer: Which technique is best when questioning staff members?
- a) Ask how long they have been an employee
 - b) Ask closed-ended questions
 - c) Ask open-ended questions
 - d) Discipline them first for their poor performance

SECTION C: ANSWER ALL QUESTIONS
Each question carries 20 marks

Total marks = 80

1. a) Define "Duty of Care" Concept in relation to Infection Prevention and Control (IPC). [2 marks]
b) Describe the 5-step Risk Management Process in relation to IPC. [10 marks]
c) Briefly explain any four(4) challenges of risk management. [8 marks]
2. a) Using examples, describe any five (5) characteristics of adult learners, and their application application to IPC at a health care facility. [10 marks]
b) Explain any five (5) different leadership styles. [10 marks]
3. a) Define transmission based precautions. [2 marks]
b) Explain the three (3) categories of transmission based precautions giving an example of a pathogen suspected in each case. [9 marks]
c) (i) Define bundles of care. [1 mark]
(ii) Explain any four (4) bundles of care. [8 marks]
4. Explain any five (5) leadership Skills and their application to IPC programs. [20 marks]

END OF PAPER