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University Examinations 2023/2024

FIRST YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF CLINICAL MEDICINE AND COMMUNITY HEALTH

CCM 3121: INTRODUCTION TO CRITICAL AND CREATIVE THINKING

DATE: APRIL 2024

TIME: 3 HOURS

INSTRUCTIONS:

Answer *All* questions

Ensure that all your answers are properly numbered

Part I multiple Choice Questions (MCQ): Write the correct answer on the space provided in the answer booklet. Each MCQ is one mark

Part II: Short Answer Questions – Answer questions following each other on the answer booklet

Part III: Long Answer Questions – Answer each question on the answer booklet

SECTION A: MULTIPLE CHOICE QUESTIONS (20 marks)

- 1) Define Critical Thinking. (1 Mark)
- 2) State any four characteristics of a critical thinker (2 Marks)
- 3) Explain the concept of creative and critical thinking showing their disparity. (6 Marks)
- 4) Identify any four features of a well-cultivated critical thinker. (4 Marks)
- 5) List any four methods that a student can apply to improve creativity. (4 Marks)
- 6) With clear examples, differentiate between deductive and inductive reasoning. (4 Marks)
- 7) Describe briefly availability heuristics. (3 Marks)
- 8) A-D is one of the strategies of problem solving skills. Identify the representation of A, B, C and D. (4 Marks)

- 9) Kadie Regan (2015) identified six major benefits of critical thinking. Name any three of them. (3 Marks)
- 10) State three characteristics of truth seeking. (3 Marks)
- 11) Heuristics of critical thinking is broad and very essential with clear details, discuss the concept under systems thinking. (6 Marks)

SECTION B (40 MARKS)

- 1) A cancer patient visits your office several times with a family issue that is causing his deteriorated health. As a Medical Officer, analyze the 7-step of decision making process that will help him settle the issue and decide what needs to happen. (10 Marks)
- 2) Academic writing is characterized by essential features. Discuss. (10 Marks)
- 3) Show the analysis of "all reasoning" according to Paul R. and Eller, L (1997). (10 Marks)
- 4) Assess the role of critical thinking in education showing how this helps in solving problems related to education. (10 Marks)

SECTION C (20 MARKS)

- 1) Which of the following questions should you ask when you observe a problem?
- A. What do I hear/see/smell?
 - B. Who is to blame?
 - C. What is my gut reaction?
 - D. Both a and c
- 2) What is usually the most important question you can ask in any given situation?
- A. How much money can I make?
 - B. Who is responsible?
 - C. Why?
 - D. Can I accomplish this?
- 3) When a problem arises, you should...
- A. Solve it as soon as possible.
 - B. Take time to observe the situation and discover the cause of the issue.
 - C. Walk away; it is most likely not your responsibility.

- D. Ask your friends what they do
- 4) What is an assumption?
- A. A perspective you may have
 - B. An idea you take for granted.
 - C. A piece of information you have researched
 - D. The answer to a question
- 5) Which three actions should you take to analyze information?
- A. Compare, contrast and connect
 - B. Prioritize, pursue and persuade
 - C. Question, quiz and quarrel
 - D. Navigate, nurture and negotiate
- 6) How active is your imagination?
- A. Very active; I am always daydreaming
 - B. Somewhat active; I invent things in my head from time to time
 - C. Not active at all; I'm too logical
 - D. I'm actually not sure.
- 7) How often do you evaluate your personal performance?
- A. Sometimes, but not regularly
 - B. Never; I just go with the flow
 - C. All the time, I'm always aware of my achievements and where I need to improve
 - D. What does that mean?
- 8) In school, where are you evaluated academically?
- A. On stage, when you are in the school play.
 - B. On the football field, when you fumble the ball.
 - C. In the lunch room, when you are allowed to sit with the popular crowd.
 - D. On your report card through grades and comments.

- 9) Intelligent mistakes...
- A. Could often be prevented by planning ahead.
 - B. Don't deserve a purpose
 - C. Are never beneficial
 - D. Usually can't be avoided
- 10) What should you do when you make a mistake?
- A. Blame the others involved
 - B. Don't think about it ever again.
 - C. Examine what you learned from it
 - D. Lecture others about it
- 11) Do you think it is more important to develop thinking skills or job skills while in high school?
- A. Job skills: they are what will get you hired.
 - B. Both are equally important
 - C. Thinking skills: you can use them to learn a variety of job skills when you are ready to enter the workforce.
 - D. Neither: it is more important to be a nice person
- 12) Which of the following skill sets is most important when entering the workforce?
- A. Communication skills
 - B. Managerial skills
 - C. Interpersonal skills
 - D. All are equally important
- 13) Critical thinking is all about while creative thinking is more about
- A. Analyzing problems and evaluating outcomes..... discovering different perspectives and brainstorming ideas.
 - B. Finding objective answers.....coming up with subjective answers
 - C. Brainstorming. . . analysis
 - D. Shallow thinking....deeper-level thinking.

- 14) A powerful question.....
- A. Narrows the scope of the conversation
 - B. Is less reliable than a yes or no question
 - C. Is open-ended and expands your thinking
 - D. Calls for a one-word response
- 15) A group of students are trying to find a creative way to solve a problem. Which student is asking the most imaginative question?
- A. Laurel wants to know which books will give them answers.
 - B. Henry is curious about which rules can be broken
 - C. Dolores is brainstorming a list of whom they can ask for help.
 - D. Stevie is ready to give up.
- 16) Which of the following patients should the nurse see first?
- A. A 40 year old 7 day postpartum female with bright red vagina bleeding and a hemoglobin level of 7.0 g/dl
 - B. A diabetic patient with a blood sugar of 400mg/dL and no orders for insulin coverage
 - C. A 46 year old end stage renal stage renal disease patient who had an arteriovenous (AV) fistula placement 2 days ago. No thrill or bruit noted.
 - D. A 50 year old woman, 2 days after knee replacement. She refuses to use CPM machine due to pain
- 17) The nurse receives change of shift report and has been assigned each of these patients. Which one should be assessed first?
- A. A 17 year old patient, 2 days after casting for a radial fracture. He is complaining of severe pain in his arm, his fingers are edematous, and pulses are weak.
 - B. A 16 year old boy who is scheduled for a colonoscopy in the morning and has not had his bowel prep.
 - C. A 49 year old woman with a history of COPD, admitted for deep vein thrombosis (DVT). She is experiencing chest discomfort and dyspnea.

D. A 72 year old man who is scheduled for total hip replacement in need of preparation for surgery and has not signed the consent form.

18) If a plane crashes on the border of Kenya and Tanzania where do you bury the survivors?

A. Kenya

B. Tanzania

C. You don't

D. There is no Kenya Tanzania border

E. South Africa

19) How many birthdays does the average man have

A. 10

B. 1

D. 34

E. 76

20) In order to be effective, efficient, knowledgeable medical professional, I gather information from a wide variety of sources to stay current with what's happening in my field of work.

A. False

B. True

C. I don't know

D. None of the Above