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University Examinations 2023/2024

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

CCM 3226: OCCUPATIONAL HEALTH AND SAFETY

DATE: APRIL 2024

TIME: 3 HOURS

INSTRUCTIONS:

The Paper Consist of three Sections

SECTION A: Short Answer Questions

SECTION B: Long Answer Essay

SECTION C: Multiple Choice Questions

SECTION A: SHORT ANSWERS QUESTIONS

QUESTION ONE (30 MARKS)

a.) Define the following terms as used in the occupational and industrial health and safety and in context of occupation health and industrial safety. (12 marks)

- i. Hazard
- ii. Worker
- iii. Vulnerability
- iv. Risk
- v. Medical surveillance

b.) As a Clinical Officer in an organization, discuss the application of principles of Occupation and Health Safety to Safety Committee. (8 marks)



c.) As man carries his daily activities in the place of work he/she encounter various hazardous elements in the workplace, discuss how you will advise the workers and management so that these elements do not contribute to occupational hazards using the following subheadings. (10 marks)

- i. The worker
- ii. The tool
- iii. the process
- iv. The worker environment

SECTION B: LONG ANSWER ESSAY QUASTIONS (LAQS)

QUESTION TWO (20 MARKS)

Giving illustrations and relevant examples discuss how you will ensure that welfare and safety provisions are implemented in workplace of your choice. (20 marks)

QUESTION THREE (20 MARKS)

Giving examples discuss the weakness and strengths of occupational health and safety law in relation to it applicability in the university. (20 marks)

QUESTION FOUR (20 MARKS)

Discuss how you will be able to ensure flow of work in workplace under the following sub headings:

- i. Treatment of common occupation illness
- ii. Epidemiological surveillence of occupation health hazards
- iii. Principles of occupation health and safety
- iv. Role of insurance provision in occupation health and safety

SECTION C: MUTIPLE COICE QUESTIONS (MCQS)

1. Under the OSH Act, employers are responsible for providing a _____

- a) Safe workplace
- b) Land
- c) Insurance
- d) Estimation



2. **OSHA** was created to _____ department
- a) Data analysis
 - b) Reduce hazards
 - c) Ecological development
 - d) EIA analysis
3. **OSHA** is under Kenya _____ department
- a) DOHSS
 - b) US DOHSS
 - c) India DOHSS
 - d) Australia DOHSS
4. In the case of fatal accident in place of work, when should a report filed in nearest OSHA office?
- a) Within 24 hours
 - b) Within 48hours
 - c) Within 8 hours
 - d) Within 4 hours
5. **OSHA** assignment is to set standards and conduct _____
- a) Inspections
 - b) Tests
 - c) Analysis
 - d) Estimation
6. **OSHA** ensures that employees have been provided with _____
- a) Job
 - b) PPE
 - c) Insurance
 - d) Security



7. under **OSHA**, employee has the right to access medical records_____

- a) True
- b) False

8. hazards communication in **OSHA** conducts_____

- a) Chemical analysis
- b) Toxic exposure
- c) Strength analysis
- d) Hazard evaluation of the products_____

9. What is **OSHA form 301**?

- a) Sickness log
- b) Individual incident
- c) Chemical log
- d) Finance log

10. Employers in statistically low-hazards industries are exempt from maintaining **OSHA 300** form records._____

- a) True
- b) False

11. Safety and health achievement recognition program (**SHARP**)recognizes_____

- a) Small employers who operate safety and health management system
- b) Large employers who operate safety and health management system
- c) All employers who operate safety and health management system
- d) Workers who operate safety and health management system

12. What does **COSHH** stand for?_____

- a) Control of Substances Hazardous to Health
- b) Careful of Substances Harmful to Health
- c) Control of spillages Hazardous to Health
- d) Control of Substances Hurtful to Health



13. The accident book is a legal document that does what? _____
- a) Describe how businesses should deal with an accident
 - b) Details risk assessments and safety rules
 - c) Records the details of an accident in the workplace
 - d) Lists the first aid requirements of the workplace
14. Which of the following statements is likely to results in an injury to the operator?
- a) Selecting the right tool for the job
 - b) Wearing safety goggles or glasses
 - c) Using a tool with loose handles
 - d) Keeping cutting tools sharp
15. What does **RIDDOR** stand for? _____
- a) Risk of Injury, Diseases and Dangerous Occurrences Reporting
 - b) Reporting of Injuries, Diseases and Dangerous Occurrences Regulations
 - c) Reporting of Information on Diseases and Dangerous Occurrences Risk
 - d) Risk of Injuries, Diseases and Dangerous Occurrences Regulations
16. What does PPE stand for? _____
- a) Protective Preventative Equipment
 - b) Personal Protective Equipment
 - c) Personal Preventive Equipment
 - d) Peoples Protective Equipment
17. Why is it important to wear PPE? _____
- a) Because it looks right
 - b) Because it protects the tools
 - c) Because it protects you
 - d) Because it is what an employer tells you to do



18. Which one of the following describes a workplace health and safety hazards?
- a) Putting the wet floor sign up after mopping the floor
 - b) An unanswered health and safety questions
 - c) An activity that cannot be insured
 - d) Something that might cause harm
19. The legal responsibilities of an employer with regards to health and safety includes what?
- a) Charging employees for replacing damaged or lost PPE
 - b) Providing safe systems of work for all employees
 - c) Taking out additional insurance for dangerous work
 - d) Ensuring that only one member of staff works on a dangerous job
20. What is the first action to take when approaching the scene of an accident
- a) Check for signs of life
 - b) Wait for the emergency service
 - c) Attend to the most serious injury
 - d) Make sure the area is safe to enter
21. What is the best way of dealing with hazard to ensure others are not put in risk
- a) Remove it immediately
 - b) Leave it for others to sort out
 - c) Place the barrier tape around it
 - d) Display a notice or warning sign
22. What are the safe systems of work, provided by an employer, designed to do?
- a) They only help make the job quicker
 - b) They only help to stop employees from having accidents
 - c) They only help stop employees and all others from having accidents
 - d) They only help prevent visitors from having accidents



23. Which one of the following is the best method of finding information on workshops equipment?

- a) Health and safety at work manual
- b) Manufactures handbook or technical data
- c) Discussing it with senior colleague
- d) Contacting the original supplier of the equipment

24. Which one of the following would prevent injuries from occurring at work?

- a) Keeping the workplace tidy
- b) Wearing the light clothes
- c) Lifting heavy objects with a bent back
- d) Keeping lighting to a minimum

25. What type of training is the most likely to reduce back injuries when handling materials and loads?

- a) 1st Aid training
- b) Forklift truck training
- c) Weight training
- d) Manual handling training

26. Which of the following is an example of safe working?

- a) Lifting more than you can handle
- b) Loading lifting equipment with as much material as possible
- c) Wearing safety goggles to perform every task
- d) Checking the work area to make sure it is free from hazards

27. Why should accident in the workplace be reported

- a) Prevent a similar accident in the future
- b) Reduce levels of paperwork
- c) Check whether staff is carrying out their duties or not
- d) Enable staff to learn from their mistakes



28. The most important reason for carrying out a risk assessment is to:
- a) Reduce staff training needs
 - b) Check that employees understand health and safety
 - c) Ensure employees receives the right training
 - d) Prevent accidents from occurring in the future
29. Where should get information in regards to disposal of old chemical products.
- a) Contacting the manufacturer
 - b) On the product sheet or side of the container
 - c) On the internet
 - d) At the local library
30. Guidance on the use of service requirements and use of PPE should be found in
- a) Manufactures instructions
 - b) In an accident book
 - c) Within health and safety executives leaflet
 - d) By asking an employee
31. All business must have 1st aid kits that are available to:
- a) Health and safety officers only
 - b) All staffs
 - c) All persons over the age of 18 years
 - d) A qualified 1st aider only
32. When there is a fault with the PPE, the user should:
- a) Not do the task and inform the supervisors of the problem immediately
 - b) Get somebody to complete the task
 - c) Use the equipment and continue the task anyway
 - d) Use the equipment to the task and tell the supervisors later

