



FACULTY/COLLEGE	College of Business and Economics
SCHOOL	Johannesburg Business School
DEPARTMENT	Transport and Supply Chain
CAMPUS(ES)	APB
MODULE NAME	Storage and Distribution
MODULE CODE	SDM02B2/SDM2B01
SEMESTER	Second
ASSESSMENT OPPORTUNITY, MONTH AND YEAR	Supplementary Summative Assessment Opportunity January 2020

ASSESSMENT DATE	6 January 2020	SESSION	08:00-11:00
ASSESSOR(S)	Mr H van den Berg		
MODERATOR(S)	Mr D Raza (Internal)		
DURATION	3 hours	TOTAL MARKS	100

NUMBER OF PAGES OF QUESTION PAPER (Including cover page)	7
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INFORMATION/INSTRUCTIONS:

- This is a closed-book assessment.
- Answer all the questions.
- **Answer question 1 and question 2 from SECTION A on the question paper, hand in the question paper with the answer book.**
- Read the questions carefully and answer only what is required.
- Number your answers clearly and correctly as per the question paper.
- Write neatly and legibly on both sides of the paper in the answer book, starting on the first page.

SECTION A

[40 MARKS]

Question 1

[30]

TRUE or FALSE

DO NOT write your answers on your answer sheet – answer this section A in the exam paper, **APPENDIX A**.

1. "Explosives" means any substance or article is listed in Class 10: Explosives in the SABS Code of practise for the identification and classification of dangerous substances and goods.
2. "Accident" means an accident out of and in the course of an employee's employment and resulting in structural damage to property.
3. "Inspection authority" means any person who with the aid of specialised knowledge or equipment tests or analyses events, renders a service by making arrests, purporting to be objective findings.
4. "Major hazard installation" means an installation where any substance is produced, processed, used, handled or stored in such a form and quantity that it has the potential to cause a minor incident.
5. "Occupational medicine" means the prevention, diagnosis and treatment of illness, injury and adverse health effects associated with a particular type of work.
6. "Reasonable practice" means the availability and suitability of means to remove or mitigate that hazard or risk.
7. The Advisory Council for Occupational Health and Safety – performs the functions assigned to it by its Act or referred to it by a judge.
8. The Advisory Council for Occupational Health and Safety – will have three persons nominated by the Minister for National Health and Welfare.
9. The Advisory Council for Occupational Health and Safety – will have ten persons who in the opinion of the Minister knows occupational hygiene.
10. The Advisory Council for Occupational Health and Safety – shall be appointed for three years.
11. If the stock is adequately left in the open, it must be properly located in a secure building or stockyard to which unauthorised persons are not allowed access.

12. Physical stocktaking is the process of counting, weighing or otherwise measuring all items in stock and recording results.
13. For a satisfactory stocktaking, a good deal of reading is necessary.
14. Appoint two people to control the stocktaking process.
15. Return to store all items issued 'slow-moving' either internally or externally before the stocktaking begins.
16. If road transport is to be a major feature, the site must have good storage facilities.
17. The fullest possible advantage should be taken of LCD lights.
18. The site of the warehouse depends partly on the bulk and nature of the goods.
19. The three types of surfaces normally in use around warehouses are ashes, tarmac and tiles.
20. As far as main access roads or gangways are concerned, the system of two-way traffic is desirable.
21. Storehouse ought to be of reasonably substantial construction.
22. Apart from warehouse employees themselves, people collecting goods should not normally be admitted into the bathrooms.
23. Warehouse staff should have a good general knowledge of the materials used in the organisation to which they belong.
24. Heat is the warehouse manager's worst enemy; it accelerates the corrosion of metals, solidifies powders and discolours paper.
25. Packaging, apart from its basic and obvious function of protecting material whilst in transit to a store, also has to fulfil the function of assisting in the preservation of material in stock.
26. The warehouse area is divided into sections, each of which can be given a delivery truck.
27. Where stores are fast-moving, or storage is scarce and expensive, it may be advantageous to employ a fixed location system.
28. All-electric apparatus close to petrol tanks must be water-proof.
29. An advantage of a central warehouse, there is no need for additional staff.
30. A warehouse, in conjunction with purchasing and stock control, exists to provide the organisation with an appropriately regulated flow of correct materials at a minimised total cost.

Question 2**[10]**

Match **column A** with **column B** – *answer this section A in the exam paper, **APPENDIX B**.*

Each point in column A has 5 matches in column B, for example, c = 110, 12, 13, 14 and 154.

Column A	Column B
a. General duties of employers to their employees	1. In collaboration with his employer, examine the cause of an incident at the workplace
	2. Making arrangements for ensuring, as far as reasonably practicable, the safety and absence of risks to health in connection with the production, processing, use, handling, storage or transport of articles or substances
	3. Identify potential hazards and potential incidents at the workplace
	4. Make representations to the employer on general matters affecting the health and safety of the employees at the workplace
	5. The provision and maintenance of systems of work, plant machinery that, as far as reasonably practicable, are safe and without risks to health
b. Functions of health and safety representatives	6. Providing such information, instructions, training and supervision as may be necessary to ensure, as far as is reasonably practicable, the health and safety at work of his employees
	7. Establishing, as far as reasonably practicable, what hazards to the health or safety of persons are attached to any work which is performed
	8. Participate in consultations with inspectors at the workplace and accompany inspectors on inspections of the workplace
	9. Taking such steps as may be reasonable to eliminate or mitigate any hazard or potential hazard to the safety or health of employees, before resorting to personal protective equipment
	10. With the approval of the employer (with approval shall not be unreasonably withheld), be accompanied by a technical adviser, or any inspection

SECTION B

[60]

Question 1

[4 MARKS]

Identify the reasons why organisations perform stocktaking.

Question 2

[4x2=8 MARKS]

After a detailed examination of the stock in the warehouse four types of stock has been put onto a preliminary list. Identify these four types of stock and fully explain in your own words with practical and relevant examples relating to efficient technology systems in the warehouse how you have identified these 4 different types of stock.

Question 3

[8 MARKS]

The decision of a warehouse site is affected by many factors. Identify all of these factors.

Question 4

[7x2=14 MARKS]

Open-air storage areas sometimes have problems or shortcomings. Identify all of the problems or shortcomings and fully explain with practical and relevant examples of how you will address a particular problem or shortcomings that are associated with Open-air storage areas.

Question 5

[12 MARKS]

Regulations imposed by local municipalities surrounding the storage of petroleum (gasoline) vary from place to place. However, the majority of the regulations are standard. Mention all of the regulations which is associated with the storage of petroleum (gasoline).

Question 6

[7x2=14 MARKS]

Before the question of stores efficiency can be addressed, the question of 'efficient from whose point of view?' needs to be considered. Identify the goals for financial efficiency and fully explain each goal in your own words with practical and relevant examples relating to efficient technology systems in the warehouse.

TOTAL: 100 MARKS

APPENDIX A

Surname: _____

Student No: _____


Question 1**TRUE or FALSE**

Mark your answer with an "X"

1	TRUE	FALSE		16	TRUE	FALSE
2	TRUE	FALSE		17	TRUE	FALSE
3	TRUE	FALSE		18	TRUE	FALSE
4	TRUE	FALSE		19	TRUE	FALSE
5	TRUE	FALSE		20	TRUE	FALSE
6	TRUE	FALSE		21	TRUE	FALSE
7	TRUE	FALSE		22	TRUE	FALSE
8	TRUE	FALSE		23	TRUE	FALSE
9	TRUE	FALSE		24	TRUE	FALSE
10	TRUE	FALSE		25	TRUE	FALSE
11	TRUE	FALSE		26	TRUE	FALSE
12	TRUE	FALSE		27	TRUE	FALSE
13	TRUE	FALSE		28	TRUE	FALSE
14	TRUE	FALSE		29	TRUE	FALSE
15	TRUE	FALSE		30	TRUE	FALSE

Question 2

**a. General duties of
employers to their employees =**



**b. Functions of the health
and safety representatives =**

