



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL CERTIFICATE

IN

**PROFESSIONAL COOKERY / TOURISM AND HOSPITALITY MANAGEMENT
/ FOOD AND BEVERAGE SERVICE / BAKERY TECHNOLOGY AND
MANAGEMENT**

**MODULE: Fundamentals of Hospitality
Computing**

PAPER NO: 333/22/M09B

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions.**
- 2. Each question carries 25 marks.**

QUESTION 1

- a) i) Using a word processing application, type the following and print: (8 marks)

CLOUD COMPUTING

Cloud computing refers to the practice of using remote service hosted on the internet to store, manage and process data, rather than relying on local servers or personal computers. It allows business and individuals to access computing resources and services on - demand, without the need for extensive hardware and infrastructure investments.

Cloud computing offers several key advantages which include:

1. Scalability
2. Cost efficiency
3. Accessibility
4. Reliability.
5. Security.

Popular cloud service providers include Amazon Web Services (WS), Microsoft Azure, Google Cloud Platform (GCP), and IBM Cloud.

- ii) Save document as "Cloud computing 1" and print. (2 marks)
- b) Copy the whole passage to the next page and save the document as "Cloud Computing" (2 marks)
- c) Perform the following to the copied work:
- i) Make the heading underlined, font size 20 and font "Algerian" (3 marks)
 - ii) Embolden the numbered list. (2 marks)
 - iii) Insert a picture or ClipArt below the passage. (3 marks)
 - iv) Insert a page border. (2 marks)
 - v) Put your course as header and candidate number as footer. (3 marks)

QUESTION 2

- a) Using a spreadsheet application, type the following worksheet data and print it in landscape: (2 marks)

Name	Basic salary	Overtime hours	Overtime income	Gross salary	Tax	NSSA	Levy	Deductions	Net Salary
Ane	450	2							
Lot	350	8							
Joel	400	6							
Eve	420	6							
Tom	400	5							

Save worksheet as "payroll 01"

(6 marks)

- b) Save the workbook as "payroll 02" and complete the worksheet:

NSSA = 1% of Gross Salary

i) Overtime Income = 10% x hours x Basic salary.

ii) Gross salary = Overtime income + Basic salary

iii) Tax = 2% of Gross salary

iv) Levy = 1.5% of Gross salary

v) Total deductions = tax + NSSA + Levy.

vi) Net salary = Gross salary – Total Deductions (12 marks)

- c) Generate a line graph to represent the information on the worksheet. (3 marks)

- d) Save and print the worksheet. (2 marks)

QUESTION 3

Create a Presentation using the following information and save it as "internet of Things"

- a) Use title slide and type the following on the slide heading "Internet of things" and subtitle "Emerging Technology" as first slide. (5 marks)

- b) Type the following on the second slide:

Internet of things (IOI) refers to the network of physical objects devices and vehicles with embedded sensors. (10 marks)

- c) On slide three, insert a picture or object and type "National Certificate" as the heading. (4 marks)

- d) Put the following information on forth slide:

Components of IOT

1. Sensors.
2. Things / devices
3. Actuators.
4. Connectivity.

5. Servers.

(5 marks)

- e) Save presentation as “Internet of things” and print.

(1 marks)

QUESTION 4

Using a database application, perform the following:

- a) Create a database called “payroll 2023” and save it.

(2 marks)

- b) Create a table called “payroll” as shown below and assign the appropriate data types accordingly.

(2 marks)

- c) Enter the data (records) shown on the table.

Name	Basic salary	Hours worked	Department
Joel	400	4	Black
Mary	450	6	Green
Peter	500	4	Yellow
Gloria	350	3	blue

(8 marks)

- d) Create a query that shows employees whose salary is above \$400 and below \$500.

(4 marks)

- e) Create a query showing a list of employees who worked four (4) hours.

(3 marks)

- f) Create a query showing employees whose department starts with B.

(3 marks)

- g) Create a report showing all employees in the payroll.

(3 marks)

.../fem