

SC 1101  
WASSCE (SC) 2018  
DATA  
PROCESSING 1  
Objective Test  
1 hour

1

Name:.....

Index Number:.....

THE WEST AFRICAN EXAMINATIONS COUNCIL  
West African Senior School Certificate Examination (WASSCE) for School Candidates, 2018

SC 2018

DATA PROCESSING 1  
OBJECTIVE TEST  
[40 marks]

1 hour

Do not open this booklet until you are told to do so. While you are waiting, write your name and index number in the spaces provided at the top right-hand corner of this booklet and thereafter, read the following instructions carefully.

1. Use **HB pencil** throughout.
2. If you have got a blank answer sheet, complete its top section as follows.
  - (a) In the space marked *Name*, write in capital letters your surname followed by your **other names**.
  - (b) In the spaces marked *Examination, Year, Subject and Paper*, write 'WASSCE (SC)', '2018' 'DATA PROCESSING' and '1' respectively.
  - (c) In the box marked *Index Number*, write your **index number** vertically in the spaces on the left-hand side. There are numbered spaces in line with each digit. **Shade** carefully the space with the same number as each digit.
  - (d) In the box marked *Paper Code*, write the digits **110113** in the spaces on the left-hand side. **Shade** the corresponding numbered spaces in the same way as for your index number.
  - (e) In the box marked *Sex*, shade the space marked **M** if you are **male**, or **F** if you are **female**.
3. If you have got a pre-printed answer sheet, check that the details are correctly printed, as described in 2 above. In the boxes marked *Index Number, Paper Code and Sex*, **reshade** each of the shaded spaces.
4. An example is given below. This is for a male candidate whose name is **Chinedu Oladapo DIKKO**, whose index number is **4251102068** and who is offering **Data Processing 1**.

THE WEST AFRICAN EXAMINATIONS COUNCIL

PRINT IN BLOCK LETTERS

Name: **DIKKO CHINEDU OLADAPO** Examination: **WASSCE (SC)** Year: **2018**

Subject: **DATA PROCESSING** Paper: **1**

INDEX NUMBER	
4	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9
5	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
0	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9
0	0 1 2 3 4 5 6 7 8 9
6	0 1 2 3 4 5 6 7 8 9
8	0 1 2 3 4 5 6 7 8 9

PAPER CODE	
4	0 1 2 3 4 5 6 7 8 9
0	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9

SEX	
M	F

Indicate your sex by shading the space marked M (for Male) or F (for Female) in this box:

- INSTRUCTIONS TO CANDIDATES**
1. Use grade HB pencil throughout.
  2. Answer each question by choosing one letter and shading it like this: [A] [B] [C] [D]
  3. Erase completely any answer(s) you wish to cancel.
  4. Leave extra spaces blank if the answer spaces provided are more than you need.
  5. Do not make any markings across the heavy black marks at the right-hand edge of your answer sheet.

For Supervisors only.  
If candidate is absent shade this space: ☐

**WHATSAPP +2348051311885 for Past Questions**

**DATA PROCESSING  
OBJECTIVE TEST**

1 hour  
[40 marks]

*Answer **all** the questions*

1. The first generation computers made use of
  - A. low level programming language.
  - B. high level programming language.
  - C. object-oriented programming language.
  - D. procedural programming language.
2. Microprocessor was used as the main electronic component of the
  - A. first generation computers.
  - B. second generation Computers.
  - C. third generation computers.
  - D. fourth generation computers.
3. The act of producing information from figures, text or images is called data
  - A. collation. B. conversion C. preparation. D. processing.
4. The following are primary sources of information except
  - A. questionnaire B. publication C. observation D. interview.
5. Which of the following factors is not considered when classifying computers?
  - A. Size B. Type C. Location D. Purpose
6. Which of these channels would enable business transactions between a buyer from Nigeria and a seller from Ghana?
  - A. e-portal B. e-library: C. e-commerce D. podcasting
7. The ICT application which helps to resolve road congestion at junctions is
  - A. automatic teller machine.
  - B. automatic traffic marshal.
  - C. street light.
  - D. traffic light.
8. The main components of the central processing unit (CPU) of the computer are
  - A. register and memory.
  - B. control unit and register.
  - C. control unit and ALU
  - D. ALU and BUS.
9. Stages in data processing cycle include the following except data
  - A. collation. B. gathering. C. parsing. D. processing.
10. At what stage of information processing is data validation carried out?
  - A. Data analysis B. Data collection C. Data processing D. Data summarization
11. The media which enable electromagnetic signals to be transmitted through free space is known as
  - A. unguided media. B. intranet. C. guided media. D. ethernet.
12. Information that stimulates both the senses of hearing and sight is called
  - A. audio information. B. audio-visual information. C. video information. D. visual information.

13. The following are advantages of networking except  
A. spamming. B. sharing of resources. C. communication. D. backup.
14. Which of the following devices would not transmit signals from one point to another?  
A. Telephone line B. Modem C. Fibre optics D. Coaxial cable
15. Another term for Uniform Resource Locator (URL) is  
A. website address. B. IP address C. domain name D. data link
16. The website "www.google.com" indicates that Google is  
A. a commercial organization. B. a non-profit organization. C. a research organization  
D. an educational organization.
17. Identify an operating system from the following software  
A. Writer B. MS One note C. MS Access D. Linux
18. Which Of the following commands would undo the last operation carried out in Microsoft Word?  
A. Ctrl-Z B. Ctrl + Y C. Ctrl + W D. Ctrl + U
19. While typing, a series of letters were highlighted and the keyboard key combination "Ctrl + B" was executed. The highlighted lettered would be .  
A. underlined. B. italicized C. deleted D. bold

**Table 1** is a part of *MS Excel* worksheet which shows the marks obtained by some students in an examination..

Use the table to answer questions **20** and **21**.

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
1	Name of student	English Language	Mathematics	Data Processing	Computer	Civic Education	
2	Aneke Lorreta	65	90	70	85	65	
3	Bakare Iman	60	65	75	80	75	
4	Eneh Grace	75	65	65	75	60	
5	Mohammed Deji	65	60	65	60	60	
6	Onyebueke Deborah	89	65	60	65	65	

**Table 1**

20. Which of the following formulas would calculate the average score of the students in Mathematics?  
A. =Average(C2:C6) B. =Average (C2. F2) C. =Average (C1: C6) D.=Average (C1: F1)
21. Which of the following formulas would calculate the total score of ONYEBUEK DEBORAH in the five subjects?  
A. =SUM(B2: B6), B. =SUM(A6:G6) C. =SUM(A2:A6) D. =SUM(B6:F6)
22. The following are advantages of a Database Management System (DBMS) **except**  
A. restriction of unauthorised access to data.  
B. provision of multiple interfaces to different classes of users.  
C. provision of backup and recovery services.  
D. compromise of data integrity

23. Extracting information in Database Management System (DBMS) involves .  
A. sorting. B. querying. C. editing. D. cross-referencing.
24. A special effect that controls the way slides appear in PowerPoint presentation is called  
A. WordArt B. Transition. C. Theme. D. Clip Art.
25. A reference to another page or resource on a website is done by  
A. FTP B. Hyperlinks. C. SMTP D. Webpage
26. The design output of a graphic package can be in the following file formats except  
A. .rtf. B. .jpg C. .gif. D. .bmp.
27. The proactive maintenance of computer equipment before a fault or failure occurs is called  
A. corrective maintenance. B. predictive maintenance.  
C. preventive maintenance. D. preservative maintenance.
28. A good computer maintenance practice entails  
A. washing the dusty computer parts with soap and water.  
B. keeping computers exposed to sunlight to dry the body  
C. cleaning the display unit with methylated spirit.  
D. blowing the system unit with blower.
29. Set of moral principles that regulate the use of computers and concerns professional and social conduct is known as  
A. computer ethics. B. computer misuse act. C. computer use act. D. safety measure.
30. Which of the following programs is a computer virus?  
A. Kaspersky B. NOD32 C. Norton D. Tuareg
31. Precautionary measures on computer do not include  
A. handling all files with care.  
B. giving access to unauthorized persons into the computer room.  
C. avoiding smoking in the computer room.  
D. avoiding dirt and dust in the computer room..
32. The computer professional responsible for designing and maintaining a database is called  
A. programmer B. operator C. instructor D. administrator.
33. Computer virus is not transmitted through  
A. formatting of documents. B. e-mail C. external storage device D. Internet.
34. The following are attributes of computer virus except the ability to  
A. modify other files.  
B. replicate itself in order to read to other files and systems.  
C. execute without the user's approval.  
D. warn the user before execution
35. A relational database model is designed according to set of rules known as  
A. Normalization B. Isolation. C. Grouping. D. Enumeration.
36. Which of the following statements about relational database model is not correct? '  
A. A file is sequence of related records  
B. A record consists of a row of data containing single value from each column  
C. Data in the column of a table are of the same data type  
D. Data in the rows of a table are of the same data type

37. Arranging records in a file according to a particular order is referred to as  
A. matching B. merging C. sorting D. updating.
38. One advantage of indexed Sequential file organization is that  
A. index tables are small and Can be searched quickly.  
B. it is cost effective  
C. it is suitable for dynamically changing files.  
D. it requires less storage space.
39. The protection of database against compromise is known as'  
A. data passwording. B. data protection. G. database encoding.  
D. database security.
40. Which of the following is a characteristic of parallel databases'?
- A. There can be shared-memory or shared-disk  
B. They are connected using public purpose .networks  
C. Machines in this environment are in different locations  
D. It has local autonomy

**Want more WASSCE Past Exam Questions?**

**Get the Complete and Up-to-date WAEC DATA Processing Objectives,  
Essay and Practical Past Questions and answers in pdf or ms word from  
us. whatsapp +2348051311885**

**SECTION A**  
**SHORT - STRUCTURED QUESTIONS**  
*Answer **three** questions **only** from this section.*  
*All questions carry **equal** marks*

1. (a) (i) What is *data model*?  
(ii) State **three** types of data model.
- (b) (i) List **three** approaches to data modelling.  
(ii) Explain any **one** approach listed in 1(b)(i).
2. (a) Vera, a secretary to the manager of her organization is saddled with the responsibility of typing a confidential report. She is also instructed to insert the word . "CONFIDENTIAL" diagonally in the background of every page of the report.  
(i) State the **most** suitable application software needed by Vera to produce the report.  
(ii) What feature of the application software can be used to insert the word "CONFIDENTIAL" as instructed?  
(iii) Mention one measure that can be taken to ensure the confidentiality of the soft copy of the report in the computer.
- (b) Explain the following terms: (i) *icon*, (ii) *browser*.
3. (a) Outline the steps involved in printing the first five pages of a Word document from the print dialog box on a computer with two printers installed.
- (b) Sadiq complained that a pop-up usually appears on the screen of his personal computer thereby disturbing him while using the computer.  
(i) What is the possible cause of the pop-up?  
(ii) State a possible source of the element causing the pop-up.  
(iii) What measure would be necessary to stop the pop-up from reoccurring?
- (c) Mr. Aneke is billed to address a large audience in an auditorium.  
(i) What computer application package is suitable to prepare and deliver his speech?  
(ii) State the output device that can be used to transmit Mr. Aneke's speech note from his computer to a large screen in the auditorium.
- (d) Give **two** types of computer network;
4. (a) Outline the steps involved in creating the Query By Example (QBE) in figure 1 assuming the table tblcustomer exists already.

Field Table	Lastname	Firstname	Town
	tblcustomer	tblcustomer	tblcustomer
Sort			
Show	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria	like 'John'		
Or			

**Figure 1**

- (b) Write the steps to generate the SQL statement for the action in 4(a).

# ***How to Get WAEC SSCE Past Questions***

---

## **TAKE ACTION**

Whatsapp us on **+2348051311885** for the account number to make payment and how to received your complete copy of the past questions to be sent directly to your email address or whatsapp number.

## **MODE OF PAYMENT.**

Mobile Transfer, POS or Direct Bank Deposit.

## **AFTER PAYMENT**

Send us the following

Depositor Name:

Name of Product Paid for:

Valid email address.

## **DELIVERY ASSURANCE**

We will deliver the past question to you 3 mins after confirmation of payment to the email you will send to us.

## **OTHER SERVICES**

- ❖ [Uploading of O'Level Result to Jamb Portal](#)
- ❖ **Printing of Jamb Original Result**
- ❖ **Reprinting of Jamb Change of Course/School Slip**
- ❖ **Result Checker Scratch Card - WAEC, NECO, BECE- NBAIS**
- ❖ [Post UTME Past Questions](#)
- ❖ [School of Nursing Past Questions](#)
- ❖ [WAEC/NECO SSCE Past Questions](#)

***WHATSAPP +2348051311885***

# **WAEC SSCE Past Questions List of Subject Available for Download.**

---

## **Cross Cutting Subjects WAEC Past Questions**

---

[Civic Education](#)

[English Language](#)

General Mathematics

One Trade Subject

## **WAEC Science Past Questions**

---

Agricultural Science

[Biology](#)

[Chemistry](#)

Computer Science

Further Mathematics

Health Education

Physical Education

[Physics](#)

## **Business WAEC Past Questions**

---

Commerce

[Financial Accounting](#)

Insurance

Office Practice

Store Management

## **Technology WAEC Past Questions**

---

Auto-Mechanics

Basic Electricity

Basic Electronics

Building Construction

Clothing and Textile

Foods and Nutrition

General Metal Work

Home Management

[Technical Drawing](#)

Wood Work

Data Processing

Dying and Bleaching

## **WAEC Humanities Past Questions**

---

Arabic Language

Christian Religious Studies

[Economics](#)

French

[Geography](#)

[Government](#)

Hausa Language

History

Igbo Language

[Islamic Studies](#)



[Literature-in-English](#)

Music

[Visual Arts](#)

Yoruba Language

---

## WAEC Trade Subjects Past Questions

---

Air Conditioning and Refrigeration

Animal Husbandry

Auto Body Repairs and Spray Painting

Auto Electrical Work

Auto Mechanical Work

AutoMobile Parts Mechandising

Block Laying, Brick Laying and Concreting Work

Book- Keeping

Carpentry and Joinery

Catering Craft Practice

Cosmetology

Data Processing

Dyeing and Bleaching

[Electrical Installation and Maintenance Works](#)

Fisheries

Furniture Making

Garment Making

GSM Phone Maintenance and Repair

Leather Goods Manufacturing and Repairs

Machine Woodworking

[Marketing](#)

Mining

Painting and Decorating

Photography

Plumbing and Pipe Fitting

Printing Craft Practice

Radio, Television and Electronic Works

Salesmanship

Stenography

Store Keeping

Tourism

Upholstery

Welding and Fabrication Engineering Craft Practice