REPUBLIQUE DU CAMEROUN Paix-Travail-Patrie		REPUBLIC OF CAMEROON Peace-Work-Fatherland	
MINISTERE DES ENSEIGNEMENTS SECONDAIRES	STP UNI	MINISTRY OF SI	ECONDARY EDUCATION
CELLULE D'APPUI A L'ACTION PEDAGOGIQUE ANTENNE RÉGIONALE DU NORD OUEST	**	TEACHEI REGIONAL BRAN	RS' RESOURCE UNIT NCH FOR THE NORTH WEST
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MARCH 2023 FICOBO EVENGU The Teachers' Resource Unit and the Regional Inspectorate of Pedagogy, in collaboration with MTA	NU	CT CODE MBER 9570	PAPER NUMBER
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## Mobile phones are NOT ALLOWED in the examination room.

- 1. USE A SOFT HB PENCIL THROUGHOUT THIS EXAMINATION.
- 2. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

### Before the Examination begins:

- 3. Check that this question booklet is headed "Ordinary level -0570 code and subject title-MATHEMATICS -Paper 1".
- 4. Insert the information required in the spaces above.
- 5. Without opening the booklet, pull out the answer sheet carefully from inside the front cover of this booklet. Take care that you do not crease or fold the answer sheet or make any marks on it other than those asked for in these instructions.
- 6. Insert the information required in the spaces provided on the answer sheet using your HB pencil:

## Candidate Name, Centre Number, Candidate Number, Subject Code Number, and Paper number

### How to answer questions in this examination:

- 7. Answer ALL the 50 questions in this examination. All questions carry equal marks.
- 8. Non-programmable calculators are allowed.
- 9. For each question there are four suggested answers, A. B, C and D. Decide which answer is correct. Find the number of the question on the Answer Sheet and draw a horizontal line across the letter to join the square brackets for the answer you have chosen. For example, if C is your correct answer, mark C as shown below:

# $[A] \quad [B] \quad [\underline{\mathbf{C}}] \quad [D]$

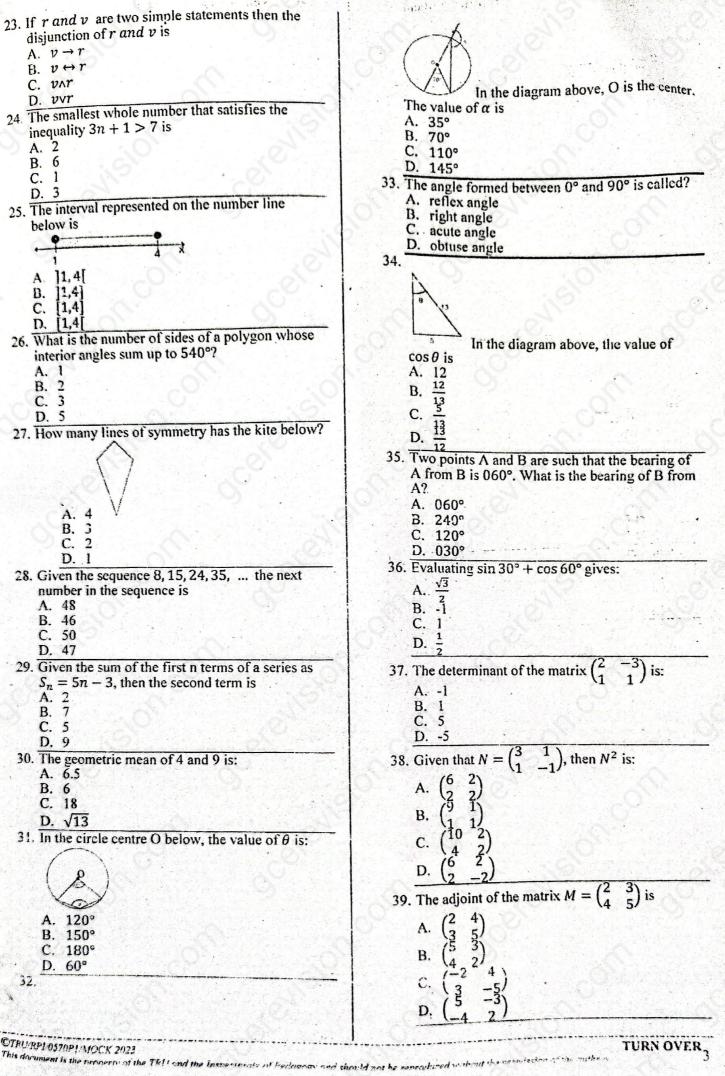
- 10. Mark only one answer for each question. If you mark more than one answer, you will score zero for that question. If you change your mind about an answer, erase the first mark carefully, and then mark your new answer.
- 11. Avoid spending much time on any question. If you find a question difficult, move to the next. You can come back to the question later.
- 12. Do all rough work in this booklet using, where necessary, the blank spaces in the question booklet.
- 13. You must not take this booklet and answer sheet out of the examination room. All question booklets and answer sheets will be collected at the end of the examination

1. Simplifying the expression $5-6 \div 3 \times 4 + 2$ gives	1 4
$5 - 6 \div 3 \times 4 + 2$ gives A. 14	
A. 14 $-1$ B1	
C7	A MAR
D. 18	
2. The number $101_{two}$ when doubled gives	N. A. A.
A. 1100 <sub>2</sub>	
B. $11001_2$ C. $1011_2$	
D. 1010 <sub>2</sub>	12
3. Converting 235 to base 10 gives	·
A. 13 B. 23	G
C. 25	
D. 53	
4. In the problem $7 \div 3, 7$ is called A. dividend	15
B. quotient	
C. product	
D. divisor	-P
5. The place value of the digit 7 in the number 32.87 is:	0
A. $\frac{7}{12}$	0 16
$\begin{array}{c} & 19 \\ B. \end{array}$	
C. $700$	and an arrest to the second
D. 70	
6. The H.C.F of 24 and 30 is	
A. 6 B. 3	
B. 3 C. 2	17
D. 360	<u>N</u>
7. The L.C.M of 12 and 24 is	7.4
A. 6 B. 12	The second
C. 24	. 18
D. 288	
8. Given that $1 \in = 100FCFA$ and $1 \le = 1050FCFA$ , the value of $3150 \in$ in Britis	h CO
pounds is	
A. £315	0
B. £105000 C. £105	19
D. £300	
9. The temperature of a body was recorded as	
36.6°C. If the true temperature was 37.0°C then the percentage error is	
A. 0.4%	20
B. 4%	. 214
C. 1.1%	Nº
D. 2.2% 10. The number 26354 correct to 3 significant figure	es
is	an an an tha an an tha an t
A. 26300 B. 263	21
C. 264	
D. 26400	01
11. In standard form the value of $2 \times 8000000$ is:	X Y
A. $16 \times 10^6$ B. $1.6 \times 10^9$	22
C. $1.6 \times 10^7$	
D. $1.6 \times 10^8$	
	and the second second

Ç,

12	. Writing 0.9986 to 2 decimal places gives
ST	A. 1.00
	E. 0.99
	C. 1.90
	D. 0.90 Converting 110cm t0 millimeters is
13	A. 1001
	B. 1110
	C. 1010
	5 1100
14.	D. 1100 The circumference of a circle is $16\pi cm$ . The
	radius in cm of the circle is
	A. 2
	B. 8 C. $\frac{4}{\pi}$
1	D. 4 The volume of a cylinder whose height equals the
15.	
	radius 15 A. $\pi r^3$
	B. $\frac{1}{2}\pi r^3$
	C. $\frac{1}{3}\pi^3 r^3$
	D. $\pi r$
16.	Given that a semi-circle has diameter 28cm, then
	its perimeter is: (taking $\pi = \frac{22}{7}$ )
	A. 14cm
	B. 56cm
	C. 28cm D. 72cm
17.	Given that $\frac{3}{n} = 5$ , $n \neq 0$ then $n =$
	A. $\frac{3}{5}$ B. $\frac{3}{3}$ C. $\frac{3}{3}$
	B. $\frac{5}{2}$
in second.	C. 3
	D. 5
18.	The value of the expression $(x + 2)$ when
	x = -1
	A. 1 B. 3
1	C3
	D. 2
19.	Given that $2^x = 3$ and $2^y = 5$ , then $2^{x+y}$ is
	A. 15
	B. 3 C. 4
	D. 125
20.	2400FCFA shared in the ratio 2:3:7, the largest
	share is
	A. 1300
	B. 1400
	C. 1500 D. 1600
	<u></u>
21.	The expression $x^2 - y^2$ can be factorized as:
	A. $(x + y)(y - x)$
1.35	B. $xy(x-y)$
	C. $(x - y)(x + y)$
22	D. $(x - y)(x - y)$ A network has 2 regions and 5 edges, its number
	of vertices is
	A. 6
	B. 5
	C. 4 D. 3
	<u> </u>

- 4



0. Gives a State	46. Given that $f(x) = 1 - 2x$ , then $f(-1)$ is
0. Given the line $y - 2x - 8 = 0$ , the gradient is	46. Given that $f(x) = 1 - 2x$ , then $f(x) = 1$
B. 1	A3
	B1
	C. 3
<u>D.</u> 3	D. 1
Given that $m_1$ and $m_2$ are the gradients of the	D. 1 47. The median of numbers 6, 11, 4, 13, 5, 8, 5,8 is
lines l <sub>1</sub> and l <sub>2</sub> respectively. The condition for the	A. 15
lines $l_1$ and $l_2$ to be parallel is	B. 7
A. $m_1 \neq m_2$	C. 8
B. $m_1 + m_2 = 0$	D. 9
C. $m_1 m_2 = -1$	48. The range of the data 2, 5, 1, 10, 5, 8 is
D. $m_1 = m_2$	Λ. 6
$\frac{1}{2} \frac{1}{2} \frac{1}$	B. 8
2. Given that $\bar{a} = \begin{pmatrix} -2 \\ 3 \end{pmatrix}$ and $\bar{b} = \begin{pmatrix} 5 \\ -2 \end{pmatrix}$ .	C. 9
$\bar{a} + 2\bar{b} =$	D. 7
(8)	
A. $\begin{pmatrix} 0 \\ -1 \end{pmatrix}$	49. In a well shuffled pack of 52 playing cards, a card
p (10)	is selected at random. What is the probability of
B. $\binom{10}{-7}$	obtaining a king and a queen?
C. $\binom{3}{4}$	A. 0
	사람이 집에 가지 않는 것 같아요. 이렇게 이렇게 하는 것이 집에서 가지 않는 것이 있는 것이 다 가지 않는 것을 하는 것을 하는 것이 하는 것이 같아요. 것이 같아요. 이렇게 하는 것이 같아요. 이 나는 것이 같아요. 이렇게 하는 것이 같아요. 이렇게 아니 않아요. 이렇게 아니 않아요. 이렇게 아니
D. $\binom{10}{1}$	B. $\frac{1}{52}$
43. $\overline{1} \overline{a} = 3i + 4j$ , then $ 3\overline{a} $ is	$C_{1}$
	$\frac{26}{1}$
A. 5	D. $\frac{1}{13}$
B. 18	50. The probability of an event not occurring is $\frac{2}{5}$ , the
C. 15	probability of the event occurring is
D. 45	2
4. The shaded portion in the Venn diagram below	A. $\frac{2}{5}$
represents	B. I
annun	C. $\frac{3}{2}$
	3.
	D. $\frac{2}{3}$
A. $A \cap B$	
B. $A \cup B$	
C. $A' \cap B'$	
D. $A' \cup B'$	
45. Given that $A = \{1, 2, 3, 6\}$ , then $n(A)$ is	0
· A. 4	
B. 6	
C. 8	
D. 16	

GO BACK AND CHECK YOUR WORK

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