


INSTITUT UCAC-ICAM

Entrance Examination –June 2020-International and Intercultural GENERALIST ENGINEER COURSE

To be filled by the candidate

Name : Surname :
Examination town : Seat N°:
Subject :

Reserved for the
Institute
Anonymous N° :
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Reserved for the Institute Score :	 <u>International and Intercultural GENERALIST ENGINEER COURSE</u> <u>LOGIC</u>	Reserved for the Institute Anonymous N° : :
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Linguistic Aptitude test (6pts)

1. To what epistemology refers ?

- a. all research to contain an epidemic
- b. the study of scientific methods and principles
- c. the study of viral and bacterial diseases
- d. None of the three answers above

2. Which of these words is the intruder ?

- a. VAIN b. ARROGANT c. EDUCATED d. CONCEITED e. HAUGHTY f. PRETENTIOUS

3. Which of these words is the intruder ?

- a. MADLY b. SORELY b. INFINITELY d. BARELY e. INTENSELY f. EXCESSIVELY

4. Complete the last word

REFER CIVIC LEVEL MADAM DELEV[_____]

5. Find words from each anagram (all letters are used) (4x0,5pt)

KLESFSEC (_____)

LDAOUITA (_____)

PITEDES (_____)

GRALERESDS (_____)

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Logical Aptitude Test (12 x 0,5pts)

6. Which figures, among those proposed, complete their respective series

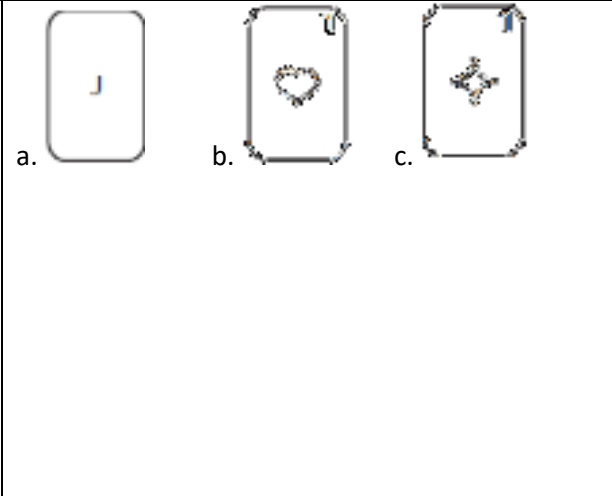
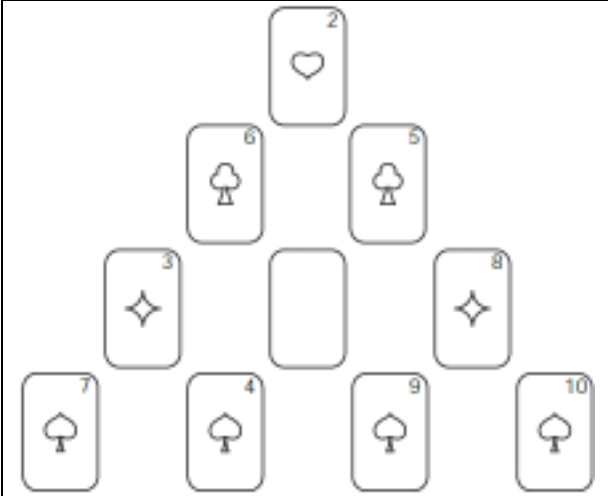
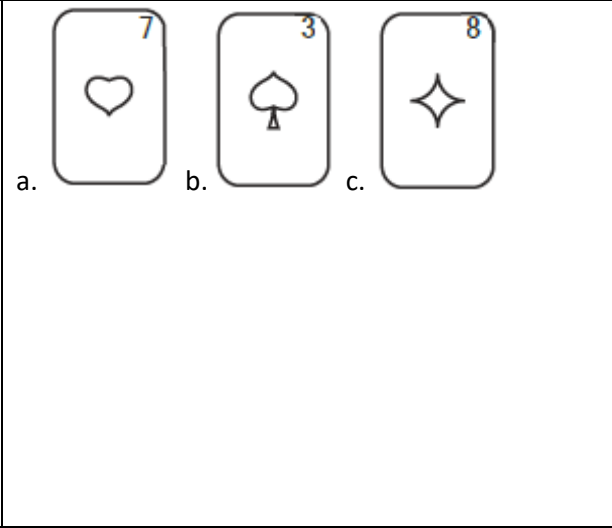
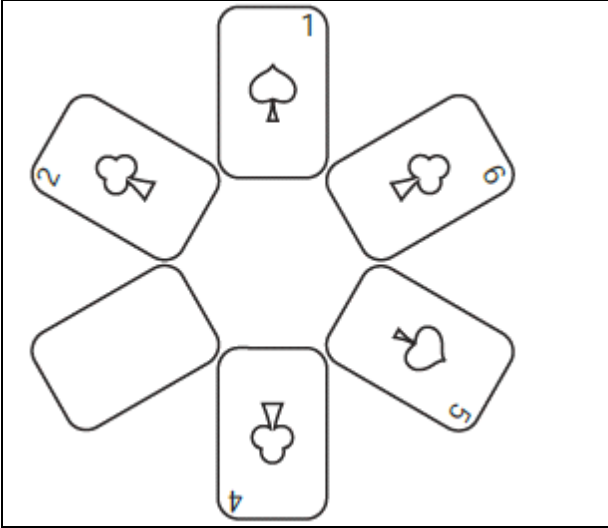
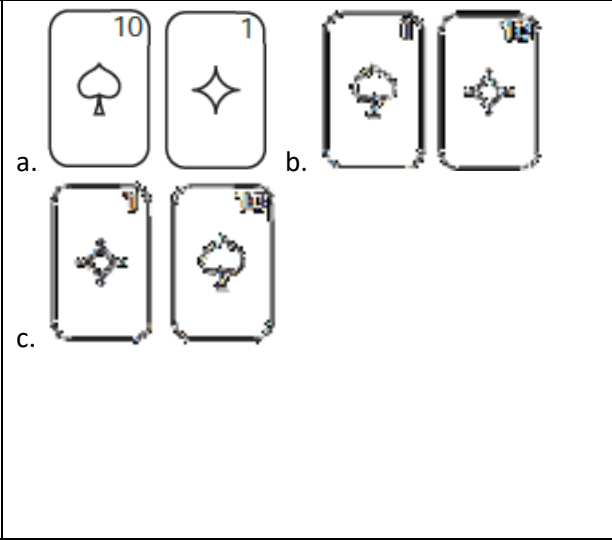
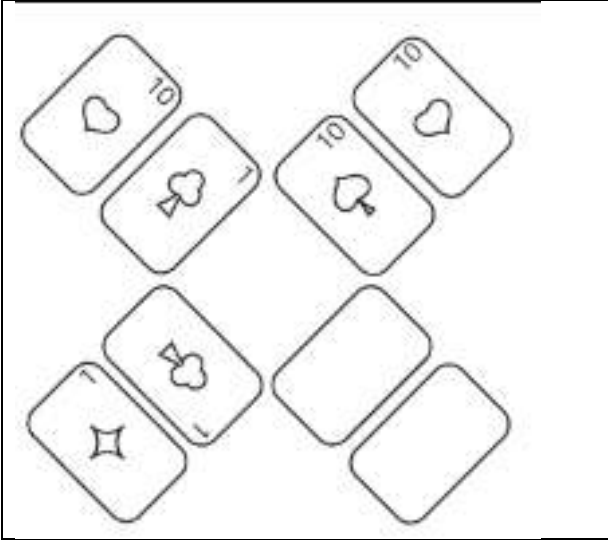
?

	<p>a. </p> <p>b. </p> <p>c. </p>
	<p>a. </p> <p>b. </p> <p>c. </p>
	<p>a. </p> <p>b. </p> <p>c. </p>

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Digital Aptitude Test (6 x 0,5pts)

7. What is the smallest natural prime number ?

8. The double of any odd number, except one, is it: a. prime number, b. non-prime number ou c. dependant ?

9. Is there at least one infallible relationship giving all the natural prime numbers ?

- a. Yes b. No c. I don't know

10. Cocoa production in Cameroon is around 264,253 tonnes at the end of the 2018/2019 campaign. This represents an increase compared to last year when production was around 253,602 Tons.

What is the percentage of growth observed? (Figure rounded to one decimal)

11. Leopold spends 30% of his income to pay his rent, and 30% of the rest to pay for his personal expenses. What percentage of his income does he spend on personal expenses?

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a. 60

b. 30

c. 21

d. 17

Mathematical Aptitude Test (5pts)

12. complete the last digit of the following sequences . (4 x 0,5pt)

a. 9...16...23...30...37...[_____]

b. 5...10...13...26...29...[_____]

c. XYZ...XZY...YXZ...YZX...ZXY...[_____]

d. D C B A H G F E L K J I [_____]

13. Which of the following expressions is the smallest knowing that the Q number is strictly greater than 5 ?

a. $(Q+1)/5$

b. $Q/5$

c. $5/(Q-1)$

d. $5/(Q+1)$

e. $5/Q$

14. In a knockout tennis tournament, there are n players. How many matches does the tournament have ?

a. $0,25n + 1$

b. $n - 1$

c. $0,5 n$

d. $n + 1$

e. n

15. I just bought a hard drive for 45,000 FCFA. I indeed benefited from a 15% discount on the original price. What is the original price (rounded, no decimal) ?