THE UNIVERSITY OF BAMENDA HIGHER INSTITUTE OF

COMMERCE AND MANAGEMENT Competitive Entrance Exanimation

Academic Year 2013/2014

PART TWO: MATHEMATICS (/30)

MULTIPLE CHOICE QUESTIONS

1. Simplify $\frac{2-\frac{1}{4}}{3-\frac{1}{5}}$, giving your answer in lowest terms

A) $\frac{7}{5}$ B) $\frac{5}{8}$ C) $\frac{8}{5}$ D) $\frac{45}{64}$ E) None of these

2. Simplify $\sqrt{10^2 + 6^2}$

A) 8   B) $\sqrt{136}$ C) 64   D) 2   E) None of these

3. The value of $-3(4)^2$ is:

A) -14   B) -54   C) -48   D) 144   E) None of these

4. $4 \div 2[6-)-5)3] =$

A) -14   B) -54   C) 126   D) 46   E) None of these

5. $\frac{10^2}{10^{-2}} =$

A) 10   B) 0.96   C) 10^{-4} D) 10^{-5} E) None of these

6. How many fifths are there in 4.8?

A) 24   B) 096   C) 1.04   D) 9.6   E) None of these

7. $22\ r-15s-3r+3s =$

A) 24   B) 0.96   C) 7rs   D) 19r-12s   E) None of these

8. $\frac{\propto^2}{\propto^{-2}} =$

A) $\propto^2$ B) $\propto^3$ C) $\propto^{28}$ D) $\propto^{-8}$ E) None of these

9. $(3XY^2)^3 =$

A) $3x^2$ B) xy C) $27x^3$y   D) $9x^2$y   E) None of these

10. $\dfrac{1}{\frac{1}{a}+\frac{1}{b}}$

A) $\dfrac{a+b}{ab}$ B) $\dfrac{ab}{a+b}$ C) a^2+b^2 D) a^2-b^2 E) None of these

11. $\dfrac{a}{a+a^2}=$

A) $\dfrac{a}{a^2}$ B) $\dfrac{a1}{a^2}$ C) $\dfrac{1}{2a}$ D) $\dfrac{1}{1+a}$ E) None of these

12. Find the value of y-6y^6, when y $=\dfrac{1}{3}$

A) $-\dfrac{2}{3}$ B) $-\dfrac{1}{3}$ C) 1   D) $-4\dfrac{2}{3}$ E) None of these

13. When M = -2 and P = 4, find the value of $\dfrac{3P-M}{3MP}$ E) None of these

A) $19+9Y$ B) -7y – 29   C) $-\dfrac{5}{12}$ D) $\dfrac{-3}{4}$ E) None of these

14. Express y -4[y -3(y – 2)] in simplest form

A) $19+9y$ B) -7y -29   C) $2y^2+14Y-29$ D) 9y - 29 E) None of these

15. The expanded form of $(3r-4)^2$ is:

A) $9r^2$ -12r + 16   B) 9r – 24r -16   C) $9r^2+16$ D) $9r^2-16$ E) None of these

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PART THREE: GENERAL KNOWLEDGE (/20)

MULTIPLE CHOICE QUESTIONS

1. Bilingualism was instituted in Cameroon after re-unification because:

    A) Ahidjo and Foncha could not speak both languages

    B) To help people of Southern Cameroons speak French

    C) Because of the two Colonial inherited legacies

    D) French Cameroon was a larger state

2. After the reunification of Cameroon, a constitutional conference was held in 1961 between

    A) Delegates of French Cameroon and Northern Cameroons

    B) Delegates of Southern Cameroon and Northern Cameroons

    C) Delegates of La Republique du Cameroun and Southern British Cameroons

    D) Delegates of the UN and British southern Cameroons

3. After the reunification talks, the constitution that was enacted was;

    A) A unitary constitution

    B) A federal constitution

    C) A democratic constitution

    D) A republican constitution

4. The administrative structure of Cameroon after the Foumban Constitutional conference had;

    A) Six federated states

    B) Three federated states

    C) Two federated states

    D) Ten federated states

5. The federal Republic of Cameroon had;

    A) Four legislative bodies

    B) Two legislative bodies

    C) A federal Parliament

    D) Six legislative bodies

6. The federal Parliament had;

    A) Ten MPs

    B) Twenty MPs

    C) One hundred and twenty MPs

    D) Fifty MP

    7. The political party won the plebiscite in southern Cameroons was:

    A) CPNC

    B) OK

    C) CNU

    D) KNDP

8. Which of Assertions does not justify why Andre Marie Mbida lost power to Ahmadou Ahidjo

    A) Favoured the French

    B) Favoured amnesty to the UPC

    C) Favoured reunification

    D) Favoured African Unity

9. Number of political parties represented in the National Assembly of 2007

    A) Three   B) T en   C) Five   D) Eight

10. The first senatorial election in Cameroon was held on;

A) April 14, 2013

B) April 13,2013

C) May 14,2013

D) April 24,2013

11. When was the decree organizing the University of Bamenda released by the head of state, President Paul Biya?

A) 8march 2011

B) 8 December2010

C) 30 September 2011

D) 14 December 2010

12. ln which town in Cameroon was the Cameroon National Union transformed to the Cameroon peoples' Democratic Movement?

A) Abong Mbang

B) Bafoussam

C) Bamenda

D) Yaounde

13. Who was the longest serving African Head of state toppled in the Arab Spring of 2011?

A) Hosni Mubarak

B) Zine EL AbidineBen AJi

C) Muamar Ghadafi

D) All Abdullah Saleh

14. Which regime is at the verge of being attacked by the United States of America for using Chemical Weapons?

A) Bashar al-Assad of Syria

B) Mohammed Mossi of Egypt

C) Robert Mugabe of Zimbabwe

D) Hama in Lebanon

15. The Cameroon Government is using ail the following measures to check corrupt practices Except

A) Creation of the National anti-corruption Committee

B) Creation of the Special criminal tribunal

C) Incarceration of corrupt officials

D) Development of anti-corruption curriculum

16. When were Provinces transformed to Region in Cameroon?

A) 2006   B) 2007   C) 2008   D) 2009

17. In 1995 Cameroon became a member of one of the following international organizations

A) Francophonie

B) Commonwealth of Nations

C) Lake Chad Basin Commission

D) Organization of Islamic States

18. Which one of the following countries in Africa experienced a genocide in the 1990s?

A) Burundi

B) Central African Republic

C) Congo Kinshasa

D) Chad

19. Which of the following print media were recently banned by the National Communication Council for Anti -Professional reporting?

A) Guardian Post and the post

B) Chronicle and Watchdog

    C) Summit Magazine and Horizon

    D) Messenger and the Median

20. An individual as a citizen of a given state is entitled to the following rights except:

    A) Education

    B) Political power

    C) Ownership of property

    D) H) Loyalty to the laws of the state