



NNAMDI AZIKIWE UNIVERSITY (UNIZIK)



POST UTME PAST QUESTIONS (2006 TO DATE)



GRACE GROUP, UNIZIK

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NNAMDI AZIKIWE UNIVERSITY, AWKA
POST-UME SCREENING EXERCISE, 2006/2007
FOR
MANAGEMENT SCIENCES AND SOCIAL SCIENCES
SEPTEMBER 16, 2006

Shade only one answer using HB pencil only

Time allowed: 1 hour

INSTRUCTION TO CANDIDATES

Choose the option opposite in meaning to the words(s) underlined

1. Our government is making determined efforts to eradicate illiteracy. (a) compulsory (b) ineffective (c) innocent (d) unreliable
2. Nnamdi Azikiwe University has a large intake of students each year, (a) rejection (b) product (c) output (d) turn-out.
3. Rita flogged the girl reluctantly. (a) eagerly (b) calmly (c) furiously (d) laboriously
4. The judge blamed the plaintiff for misleading the court (a) defendant (b) complainant (c) accused (d) prosecution
5. The demonstrators have refused to call-off their action. (a) consolidate (b) start (c) resume (d) end
6. The policeman was asked to investigate the matter. (a) ask about (b) forget about (c) examine (d) inquire about
7. Okoli was agitated when the sad news of his father's death was broken to him. (a) excited (b) calm (c) uncontrollable (d) unreasonnable.
8. Adaobi sobbed by the door because she has lost her mother's precious necklace (a) cried (b) smiled (c) wept (d) laughed
9. His antipathy to religious ideas makes him unpopular. (a) remedy (b) consciousness (c) hostility (d) receptiveness
10. For millions of years, the world's resources have remained boundless (a) unlimited (b) scarce (c) indomitable (d) limited
11. The difference between the experimental procedures was imperceptible to me (a) negligible (b) significant (c) obvious (d) obscure.
12. I am happy to inform you that your boys are conscientious. (a) industrious (b) carefree (c) careful (d) corrupt
13. My father is a very prosperous businessman. (a) ungrateful (b) unscrupulous (c) unskillful (d) unsuccessful.
14. Okezie takes his studies rather lightly. (a) humorously (b) tediously (c) carefully (d) seriously
15. The hostess greeted her guests in a very relaxed manner. (a) energetic (b) athletic (c) stiff (d) perplexed

INSTRUCTION TO CANDIDATES

In each of the questions which follow, choose the word(s) or phrase(s) which best fill(s) the gap(s).

16. The sea waves continue to _____ the cliff on the west coast constantly. (a) impair (b) rub (c) knock (d) erode.
17. The college bus was travelling at high _____ when the accident occurred. (a) velocity (b) acceleration (c) rapidity (d) speed
18. You should note that only senior members of staff have the _____ of using the toilet upstairs (a) permission (b) occasion (c) privilege (d) congruent.
19. The police report was _____ to that of the eye witness (a) his (b) her (c) its (d) their.
20. The African extended family system gives security to _____ members. (a) his (b) her (c) its (d) their.
21. I know I _____ read more, but I am tired. (a) may (b) ought to (c) would (d) could.
22. The council chairman _____ the tension between the villagers and the tax collectors. (a) dispersed (b) defused (c) diffused (d) defused.
23. If I had been told of the matter earlier, I _____ there so late. (a) would not go (b) should not go (c) will not have gone (d) would not have gone
24. Each of the candidates that came late _____ to complete _____ (a) have/this form (b) are having/these forms (c) have/these forms (d) has/this form (e) has/this forms.
25. _____ i know, nobody has seen any leopards in this area. (a) so far as (b) in as much as (c) provided (d) even as.
26. Either the chief of the village or the leader of the farmers _____ to be held responsible for the revolt. (a) were (b) are (c) is (d) have
27. She asked me whether _____ the letter for her. (a) minded to post (b) mind to post (c) minded posting (d) minded to posting
28. How I wish I _____ my mother's advice (a) has heeded (b) have heeded (c) minded posting (d) minded to posting
29. When we got to the president's house, w were told that he _____ two days earlier. (a) may have left (b) left (c) had left (d) has left
30. If only Okoro _____ what was good for him, he could easily have avoided the tragedy (a) has known (b) have known (c) knew (d) had known.
31. In which of the following economic systems is the consumer referred to as "The King? (a) planned economy (b) mixed economy (c) traditional economy (d) free market economy (e) socialist economy
32. A normal demand curve (a) is concave to the point of origin (b) is convex to the point of origin (c) is parallel to X-axis (d) is parallel to Y-axis (e) slopes downward from left to right
33. The price of a commodity is determined by (a) the supplier (b) the consumer (c) the quantity of goods demanded (d) the quantity of goods supplied (e) the interact of demand and supply
34. The international Bank for Reconstruction and Development (IBRD) is important to the developing nations because it (a) gives loan to members for legal proceedings (b) offers grants and aids for defence (c) enhances financial relationship among countries (d) offers soft loans for educational and health services (e) offers grants and aids to finance private projects.
35. In any economic system, which of the following is not an economic problem? (a) what goods and services to produce (b) for whom to produce goods and services (c) what techniques of production to be adopted (d) equal distribution of goods and services (e) how to ensure that the economy grows over time
36. Which of the following is the most liquid asset to a commercial bank? (a) money at call and short notice (b) treasury bills (c) commercial bills (d) stocks and shares (e) cash

37. The drawer of a cheque is (a) the person who is to be paid the sum of money as written on the cheque (b) the person who takes the cheque to the bank (c) the bank on which the cheque is drawn (d) the person who writes out the cheque (e) the bank official who certifies the payment.
38. All of the following are sources of finance to a joint stock company except (a) bank loan (b) equity shares (c) debentures (d) preference shares (e) cooperative thrift
39. Scarcity in economics means the resources (a) are not enough to share among the producers of goods and services (b) needed to satisfy human wants are limited (c) are never enough to share among consumers of goods and services (d) required to meet our essential wants are unlimited (e) can be managed if those who use them behave rationally
40. Demand in economics is synonymous with (a) needs (b) wants of the consumers (c) all goods demanded in the market (d) wants supported with ability to pay (e) all consumer goods
41. An inferior good is one (a) that is too bad for consumption (b) whose price is lower than the prices of other goods (c) that is easily perishable (d) whose demand falls when the income of its consumers increases (e) that is not durable
42. One major function of the Central Bank is to (a) mint money (b) hold demand deposits and honour cheques (c) act as a medium of exchange (d) create money (e) control and regulate money supply
43. Money becomes a very poor store of value in a period of (a) deflation (b) stable prices recession (c) inflation (d) control and regulate money supply
44. The real value of money is (a) its face value (b) what it can buy at a particular time (c) its rate of exchange with other currencies (d) its intrinsic worth (e) its rate of circulation
45. Which of the following explains marginal cost? (a) overhead costs plus variable costs resulting from production (b) the average cost producing more units of the product (c) the extra cost of producing more units of the product (d) overhead cost minus variable cost (e) the addition of total cost resulting from the production an additional unit
46. Which of the following is not a feature of a perfect market? (a) large number of buyers and sellers (b) homogeneity of products (c) preferential treatment (d) absence of transport cost (e) perfect knowledge of market situation
47. A stock exchange is a market that (a) deals with exchange of commodities (b) deals with the purchase and sale of securities (c) exchanges treasury bills for bills exchange (d) sells foreign exchange (e) exchanges goods and services
48. Which of the following is used to measure inflation? (a) open market operation (b) cash deposit ratio (c) price index (d) multiplier (e) fiscal policy
49. Income elasticity of demand is the measure of the responsiveness of (a) price to changes in income (b) quantity demanded to changes in income (c) changes in expenditure to changes in income (d) changes in expenditure to changes in price to the commodity
50. Budget deficit can be financed by (a) reducing the level of taxation (b) printing more money (c) lending to financial institutions (d) employing more workers.

ANSWERS ON 2006/2007

FOR

MANAGEMENT SCIENCES AND SOCIAL SCIENCES

1. B	8. B	15. D	22. B	29. D	36. E	43. F	50. B
2. C	9. B	16. D	23. D	30. B	37. D	44. B	
3. A	10. D	17. D	24. D	31. B	38. E	45. E	
4. A	11. C	18. A	25. C	32. B	39. B	46. D	
5. C	12. B	19. A	26. C	33. D	40. D	47. B	
6. B	13. D	20. B	27. B	34. B	41. D	48. A	
7. A	14. D	21. D	28. D	35. D	42. E	49. B	

NNAMDI AZIKIWE UNIVERSITY, AWKA
POST-UME SCREENING EXERCISE, 2007/2008
FOR
FOR MANAGEMENT SCIENCES AND SOCIAL SCIENCES
DATE: AUGUST 23, 2007

Shade only one answer using HB pencil only

Time allowed: 1 hour

Read this passage carefully and answer the questions that follow it

I dare not to lift the veil that protects our tribal marriage customs and ceremonies from the eyes of outsiders. There is already too little in this world that is cared; and what Amina and I were required to go through during the next week must remain so. I was deeply in debt by the time everything was over, but I was absolutely satisfied with my parent's choice. Amina as so black as satin, and as soft. She had the teeth and smile of a goddess. The Dapo tutors had done their job well; she completely efficient lover and mother, I brought her home with swelling pride, and began at once to save all I could towards the cost of acquiring my second wife. My anti-western revolt was gaining momentum.

1. The evidence would seem to indicate that (A) the author adores his wife (B) he disapproves his wife (C) he thinks she is extravagant (D) he regrets the cause of his debt
2. When the author said "My Western revolt was gaining momentum", he was referring to the fact that (A) he did not like polygamy (B) he hated Europeans (C) he did not want to marry another wife (D) he revolted against European values.
3. It would appear that the marriage had turned him into (A) a good worker (B) a faithful husband (C) an incurable debtor (D) a proud husband
4. Which one of the following is not true of the passage? (A) the lady was beautiful (B) the marriage cost a lot of money (C) the marriage was according to native law and custom (D) Amina never had an issue
5. "Swelling" in the passage means (A) jovial (B) great (C) remarkable (D) happy

Choose the letter representing the preposition that appropriately completes each of the following sentences

6. The main fighting _____ in self defence (A) in (B) with (C) to (D) from
7. I am not surprised that your view differs _____ (A) in (B) with (C) to (D) from
8. I can always confide _____ my father (A) in (B) with (C) to (D) from
9. My father deals _____ general merchandise (A) in (B) with (C) to (D) from

Choose the letter representing the single word verb that can appropriately replace the underline phrasal verb in each of the following sentences.

10. I look up to my elder brother who has always achieved the best result in school (A) see (B) entertain (C) visit (D) admire
11. Hardship has forced the man to walk out on his wife (A) beg (B) admire (C) desert (D) visit
12. Bullies usually respect people who stand up to them (A) oppose (B) fight (C) run away (D) meet

In each of the questions, choose the option nearest in meaning to the word(s) or phrase underlined

13. The Governor told the Chief that he was only routine tour, (A) normal and regular visit (B) unplanned encountered (C) surprise and impromptu check (D) working visit and homage
14. The boy was told that he would need several pints of blood if was to survive (A) many (B) much (C) some (D) plenty

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15. The principal told the teacher to stop browbeating the children (A) pampering (B) bullying (C)deceiving (D) caring
16. Some actions of the Nigerian youth have alienated them from those who were sympathetic to their cause (A) endeared/kindly (B) confronted/ill disposed (C)separated/opposed (D) estranged well disposed
17. The essay topic is nebulous (A) vague (B) incorrect (C) distinct (D) clear
18. The man was able to persuade his willful and obstinate daughter to follow the career he chose for her (A) intelligent but arrogant (B) unyielding and obdurate (C) obscure and odious (D) hardworking and intelligent
19. The party gathering was thrown into a state euphoria after the result of the election was announced (A) pleasure (B) sadness (C) excitement (D) confuse
20. The lecturer was at the apogee of his career when he was retired (A) terminal point (B) highest point (C) least productive stage (D) redundant stage
21. The fact that Joseph has inherited his late father's house is cold comfort to him (A) wet comfort (B)inadequate comfort (C) appropriate comfort (D) not comfort at all
22. The team has become indomitable quite recently (A) disobedient (B) incorrigible (C) unconquerable (D) unruly
23. Frank's aberrant behavior attracted some attention (A) selfish (B) heady (C) abnormal (D) rascally
24. We all like him but his wife is odious (A) hated (B) most pleasant (C) poetic (D) smelling
25. "Moderation in all things" was never mother's watchword (A) temperance (B) restraint (C) continence (D) abstemiousness
26. Our principal made a few pertinent remarks and then went out of the hall (A) clever (B) relevant (C) brief (D) suitable
27. The teacher emphasized that he wanted neatness and legibility in all written work (A) said (B) implied (C) stressed (D) expressed
28. The priest put us to sleep with his tedious sermon (A) tiring (B) tired (C) tiresome (D) tireless

In each of the questions, choose the option opposite in meaning to the word(s) or phrase underlined

29. The teacher announced that the class would be making a Fleeting visit to the zoo (A) routine (B) brief (C) long (D) guided
30. The NAPEP is designed to alleviate poverty in the country. (A) tackle (B) exacerbate (C) eradicate (D) assuage
31. Mass Communication is predominantly a female profession (A) absolutely (B) essentially (C) generally (D) seldom
32. The officer said that he knew nothing to the detriment of the applicant (A) damage (B) disfavor (C) advantage (D) background
33. It is rare for a leader and his deputy to see eye to eye (A) disagree (B) respect each other (C) be of one mind (D) reproach each other
34. We intend to make the reception for our students a diurnal event (A) a nightly (B) weekly (C) a short (D) an annual
35. I am not interested in buying that shirt, I think it is overpriced (A) too expensive (B) overrated (C) priceless (D) cheap
36. The lecturer left his job under a cloud (A) on a cloudy day (B) with a clear record (C) in disgrace (D) on a sunny day
37. The diminutive figure bounces over the track with unfathomable lightness (A)invigorating (B) irresistible (C) predictable (D) impressive

Choose the word or group of words that is nearest in meaning the underlined word

38. Nigeria and the Gambia held bilateral talk on trade and technical assistance recently. (A) concerning Nigeria only (B) concerning the two countries (C) concerning the Gambia only (D) concerning Africa as a whole
39. The conflagration engulfed the whole village (A) rain (B) flood (C) fire (D) erosion
40. Despite the enormous wealth, he lives a frugal life (A) wasteful (B) terrible (C) not pleasant (D) not wasteful
41. The supervising principal gave his speech offhand at the sports meeting (A) unprepared (B) speechless (C) calmly (D) beautiful

Choose the word or group of words that best complete each of the following sentences

42. Most friends turn out to be _____ friends in time trouble (A) fear weather (b) fair whether (C) fare-whether (D) fair-weather
43. It is important that you clear the refuse in front of your house every _____ (A) fortnight (B) forthnight (C) fourth night (D) fournight
44. The Governor pledge to _____ the suffering his people (A) accentuate (B) alleviate (C) allay (D) puncture
45. Mr. president is away on _____ in the U.S.A. for two weeks (A) holidaying (B) holidays (C) holiday (D) the holiday
46. The government bent over _____ to the demands of the Nigerian labour congress (A) forward (B) backwards (C) backward (D) inwards

From the words lettered A to D, choose the one that gives the meaning of the underlined

47. A wet blanket (A) honest Person (B) discouraging person (C) lazy person (D) wicked person
48. Dead beat (A) sleepy (B) exhausted (C) bad (D) rough
49. All ears (A) lazy (B) honourable (C) eloquent (D) attentive
50. A queer fish (A) a lazy person (B) an unfamiliar fish (B) an odd person (D) a trustworthy person
51. Bury the hatchet (A) be frightened (B) buy hatchet (C) try to captivate (D) make peace
52. Take French leave (A) go with permission (B) act in a strange way (C) act carelessly (D) go without permission
53. Smell a rat (A) be careful (B) get into trouble (C) be suspicious (D) observe presence of a rat
54. Strike while the iron is hot (A) act despite risk (B) act without delay (C) act carelessly (D) act foolishly
55. Blaze the trail (A) b fix the limit (B) meet the worse (C) lead the way (D) set ablaze
56. Blaze the trail (A) fix the limit (B) meet the worst (C) lead the way (D) set ablaze
57. Turn the tables (A) reverse a result (B) give prudence (C) undergo suffering (D) act foolishly

Choose the word that has the correct spelling from the following words

58. (A) bizarre (B) bizzare (C) bizare (D) bizarre
59. (A) ecstasy (B) ectasy (C) ecstassy (D) eetassy
60. (A) dorminant (B) doorminant (C) dominant (D) dominant
61. In which of the following economic systems is the consumer referred to as "Th King"? (A) planned economy (B) mixed economy (C) traditional economy (D) free market economy (E) socialist economy
62. A normal demand curve (A) is concave to the point of origin (B) is convex to the point of origin (C) is parallel to X-axis (D) is parallel to Y-axis (E) slopes downward from left to right
63. The price of a commodity is determined by (A) the supplier (B) the consumer (C) the quantity of goods demanded (D) the quantity of goods supplied (E) the interaction of demand and supply

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81. Indirect rule, as practiced by the British in West African colonies (A) did not attempt to reform existing traditional institutions (B) was over glorified and expedient nonsense (C) satisfied neither the rulers nor the ruled (D) had nothing in common with the real French rule in their colonies (E) meant ruling through existing rulers attempting to check excesses.
82. Indirect rule was introduced into Nigeria by (A) Dame Margery Perham (B) Sir Donald Cameron (C) Sir Fredrick Lugard (D) Arthur Richards (E) Sir James Robertson
83. The new local Government reforms in Nigeria (A) seek to establish uniformity in type, purpose and functions of local authorities (B) make traditional rulers more powerful than ever before (C) are a waste of time and the fed, Government's money (D) promote unity but allow for some divers the structure of local governments (E) would definitely establish clean and efficient governments at the local level.
84. In Nigeria, appellate cases from Courts of Appeal go to (A) the senate (B) the house "representatives (C) the Supreme Court (D) the judiciary advisory council (E) the executive council
85. Which organ of the United Nations has primary responsibility for the maintenance world peace and security? (A) the General Assembly (B) the Secretary (C) the International Court of justice at the Hague (D) the economic and social council (E) the security council
86. The term Franchise refers to (A) French-speaking people (B) property owners (C) the right to choose representatives to the legislature (D) the educated electorate (E) the voting card
87. The main role of pressure group is to (A) oppose oppressive legislation (B) protect the interest of the country against foreign power (C) resist temptation of gifts made by multinational companies to influence their judgment (D) promote the interests of the political parties (E) influence legislation in order to benefit their members.
88. A system in which a few powerful and rich nobles own land which is hired out to the poor people to farm is called (A) feudalism (B) cooperatives (C) socialism (D) communism (E) communalism
89. In a federal state, powers are shared (A) between the central government and local governments (B) between the centre and other coordinate units of the state (C) among the federal ministers (D) among the federal ministers (E) equally among the ethnic groups of the country
90. Which of the following courtiers in West Africa has not experienced military intervention in politics (A) upper volta (B) Sierra Leone (C) Mali (D) Cote I'voire (E) Togo
91. In the political history of Nigeria, 1914 was (A) the year of the British established their rule over Nigeria (B) the beginning of the first word ward (C) the year Lord Lugard effected the amalgamation of Nigeria (D) the year the railway system linking the north and the south was completed (E) the year of the first election into the Legislative council
92. Which of these leaders rejected General Charles de Gaulle's constitutional proposals in 1958 (A) Senghor (B) Sekou Toure (C) Housphouet- Boigny (D) Sylvanus Olympio (D) Diiori
93. Fundamental Human rights of citizens are provided for in (A) the United National Charter (B) The North Atlantic treaty organization (C) the A.U. Charter (D) Amnesty International Edict (E) the constitutions of the states.
94. An electoral district is (A) a polling booth (B) a constituency (C) a ward (D) a local government area (E) subdivision of the state
95. An ideology is essentially (A) a guide to political action (B) a manual for revolution (C) a curse on political actors (D) a non-political concept (E) negative in connotation
96. The Head of the Judiciary in every Si Federal Republic of Nigeria is called (A) Honourable Chief Justice (B) head of judicial service (C) chief judge (D) grand Khadi (E) president, customary court of appeal
97. A major innovation of the Republic Constitution of 1963 was that (A) the prime minister ceased to be Stale (B) the Governor's office as the representative of the Queen was abolished (C) the

- cabinet was no longer responsible to the legislature (D) it introduced the Executive presidential system (D) the prime minister was nominated executive council
98. Nigerian elites agitated against colonial rule (A) by guerilla warfare (B) by civil war (C) through television (D) by bribing governors (E) through newspapers
99. A fascist regime is both (A) fair and legitimate (B) responsive and responsible (C) representative and accountable (D) democratic and constitutional (E) authoritarian and totalitarian
100. Under what constitution did the supreme court become the highest court of appeal in Nigeria? (A) macpherson's constitution (B) Clifford's Constitution (C) Richard's constitution (D) the 1963 constitution (E) the 1979 constitution

ANSWERS ON 2007/2008

FOR

MANAGEMENT SCIENCE AND SOCIAL SCIENCE QUESTIONS

- | | | | | |
|-------|-------|-------|-------|--------|
| 1. A | 21. D | 41. A | 61. D | 81. E |
| 2. A | 22. C | 42. B | 62. B | 82. C |
| 3. E | 23. C | 43. A | 63. E | 83. A |
| 4. D | 24. B | 44. B | 64. C | 84. C |
| 5. E | 25. C | 45. C | 65. D | 85. E |
| 6. C | 26. B | 46. A | 66. E | 86. C |
| 7. D | 27. C | 47. B | 67. D | 87. E |
| 8. A | 28. A | 48. B | 68. E | 88. A |
| 9. A | 29. C | 49. D | 69. B | 89. B |
| 10. D | 30. B | 50. C | 70. D | 90. E |
| 11. C | 31. D | 51. D | 71. D | 91. C |
| 12. A | 32. C | 52. D | 72. A | 92. A |
| 13. A | 33. A | 53. C | 73. D | 93. E |
| 14. C | 34. A | 54. B | 74. B | 94. C |
| 15. B | 35. D | 55. C | 75. E | 95. A |
| 16. D | 36. B | 56. C | 76. D | 96. A |
| 17. A | 37. C | 57. A | 77. B | 97. D |
| 18. B | 38. B | 58. A | 78. C | 98. E |
| 19. C | 39. D | 59. A | 79. B | 99. E |
| 20. B | 40. D | 60. C | 80. C | 100. E |

Grace

NNAMDI AZIKIWE UNIVERSITY, AWKA
POST-UME SCREENING EXERCISE, 2008/2009
FOR
MANAGEMENT SCIENCES AND SOCIAL SCIENCES.

INSTRUCTIONS

1. Shade firmly only one answer using HP pencil only.
 2. You are allowed to make a second choice of course into any course for which you are qualified.
 3. Shade your second choice of course in the column provided [column 8]
- Time: 1 hour.

ANSWER THE FOLLOWING QUESTIONS

1. Choice is necessary because resources [A] are available [B] can be found everywhere [C] are scarce [D] are constant
2. The price system refers to the system by which [A] the government controls prices in the economy [B] price tend to rise to a general level [C] price is allocated to resources between consumers and producer goods [D] the producers fix the price of their products.
3. The effect of emigration on a country's population, all other things remaining constant, is to [A] increase its size [B] increase its growth rate [C] reduce the juvenile population [D] reduce its size.
4. The monetary system that requires a double coincidence of want is known as the [A] commodity system [B] barter system [C] gold standard [D] cheque.
5. If over a period of time there is more money in the economy than the available goods and services, the economy is likely to experience [A] devaluation [B] inflation [C] deflation [D] over-valuation.
6. The value of money is determined by the [A] rate of interest [B] general price level [C] level of economic development [D] quantity of money in circulation.
7. Open market operations are the processes by which [A] the Central Bank purchases and sells securities [B] Commercial Bank purchases securities [C] households buy goods openly [D] Business firms buy raw materials freely.
8. Devaluation means [A] a reduction in the value of the national currency [B] a reduction in the purchasing power of foreign currencies [C] a reduction in the value of domestic currency relative to foreign currencies [D] an increase in the value of the national currency
9. Which of the following functions do retailers perform in an economy? [A] Production [B] Exchange [C] Hoarding [D] Distribution.
10. A disequilibrium in a country's balance of payment implies [A] that her imports exceed her exports [B] an overall deficit or surplus in her current account and capital account [C] that her capital inflow exceeds her capital outflow [D] an overall deficit in its trade balance with other countries.
11. A movement along the demand curve for some goods may be caused by a change in [A] consumer income [B] the price of goods [C] consumer taste [D] population.
12. A government treasury bill is a form of debt instrument which falls due for repayment after [A] 3 months [B] 9 months [C] one year [D] ten or more years.
13. Which of the following is not regarded as money in Economics? [A] coins [B] currency notes [C] Bank deposits [D] cheques.
14. Which of the following items is not included in measuring national income by the income approach? [A] wages and salaries of public servants [B] students' grant and scholarships [C] profits of companies [D] Rents on property.

15. Public expenditure creates expansionary effects in the economy when it is [A] in excess of government revenue [B] channeled into the production of consumer goods [C] financed through oil revenue [D] diverted to the importation of luxury goods
16. Which of the following is not a reason why people migrate from one place to another? [A] To find jobs and improve the standard of living [B] To live in a more suitable climate and adventure [C] For the sake of change and adventure [D] To buy foreign goods for sale in their country.
17. A major function of middlemen in Nigeria is the distribution of [A] commodities to all consumers regardless of income [B] commodities to all consuming centres [C] some countries have comparative cost advantage in the production of certain commodities [D] countries wants to build up their foreign exchange reserves.
18. Dumping in Economics means the selling of goods in a foreign market [A] at a price below than that received in the home market [B] at a price higher than that received in the home market [C] at a price equal to the cost price in the home market [D] at a price equal to the selling price in the home market.
19. Which of the following is the appropriate working age in Nigeria? [A] 1-15years [B] 15-65 years [C] 40-65 years [D] 65 years and above.
20. A shift of the demand curve to the right when the supply curve remains constant, implies that [A] both price and quantity demand will increase [B] only the price increases [C] both price and quantity demand ed will decrease [D] the price falls.
21. The natural growth rate of a population is the [A] sum of the birth rate and the death rate [B] sum of the birth rate and the net immigration rate [C] birth rate minus the death rate [D] death rate minus the net immigration
22. In the event of limited liability company going into liquidation, each shareholder [A] may lose a maximum of the amount he has invested [B] loses nothing [C] may lose the amount he has invested plus a proportion of his bank account [D] loses everything including his car.
23. Division of labour is greatly limited by [A] its resultant monotony of work [B] its attendant risk of unemployment [C] the extent of the market [D] loses everything including his car.
24. Which of the following are direct taxes? [A] sales taxes [B] excise duties [C] income and company taxes [D] commodity taxes.
25. Which of the following is function of money? It is [A] portable [B] a standard of deferred payment [C] generally acceptable [D] relatively stable in value.
26. A tax is said to be good when [A] it yields more revenue to the state at the expense of the people's ability to pay [B] the cost of collecting it is equal to the revenue it generates [C] its payment causes minimum inconvenience to the tax payer [D] it is imposed so suddenly that no one can dodge its payment.
27. In a sole proprietorship, decisions are made by the [A] government [B] Owner [C] management [D] shareholders' conference.
28. Which of the following is not true in an inflammatory period? [A] the purchasing power of money diminishes [B] wages rise simultaneously with price [C] fixed income earners lose [D] more money runs after a limited quantity of goods.
29. Which of the following is not an argument for locating industries in rural areas? [A] rural areas supply agricultural raw materials [B] the pace of development of rural areas will be quickened [C] capital is easily available in rural areas [D] rural-urban migration will decrease.
30. Sovereignty is limited by [A] the criminal code [B] decrease [C] the legal system [D] international law.
31. The pronouncements of judges which have the force of law are called [A] judgments [B] judicial oaths [C] orders-in-council [D] judicial precedents.
- 0 Constitutional disputes between states in a federation can only be settled by [A] parliament [B] the Supreme Court [C] a tribunal [D] the court of Appeal.

32. Which of the following is not a characteristic of democracy? [A] Population sovereignty [B] regular elections [C] majority rule [D] limited franchise.
33. The principle of separation of powers is fundamental to the [A] parliamentary system [B] presidential system [C] federal system [D] totalitarian system.
34. Under socialism, the control of power resides with the [A] peasants [B] bourgeoisie [C] nobles [D] proletariat.
35. Marxism is directed against [A] state ownership of the means of production [B] materialism [C] nobles [D] proletariat.
36. The rule of law implies that [A] judges interpret the law [B] lawyers interpret the law [C] everyone is subject to the law [D] the legislature makes the law.
37. In parliament, the most expensive amendment to a bill takes place at the [A] power [B] committee stage [C] second reading [D] final stage.
38. A set of internalized norms which guide political actions is called [A] power [B] value [C] law [D] symbol.
39. Freedom of speech in a democratic state is limited by [A] law of sedition [B] law of trespass [C] press censorship [D] martial law.
40. Habeas Corpus is an essential process for safeguarding the rights of citizens to [A] vote [B] personal liberty [C] own property [D] freedom of speech.
41. The most effective way of monitoring public opinion is [A] by examining the questions asked by journalists [B] by the frequency of the press release [C] by referendum [D] through opinion poll.
42. Indirect election was first introduced in Nigeria by the [A] Lyttleton constitution [B] Macpherson constitution [C] Richards constitution [D] Clifford constitution.
43. The motion for self government was moved in 1953 by the [A] Northern People's Congress [B] Action Group [C] Northern Elements Progressive Union [D] National Council of Nigeria and the Cameroons.
44. The ECOWAS trade liberalization programme excludes trade in [A] unprocessed goods [B] crude oil [C] traditional craft [D] industrial products.
45. The Economics Commission for Africa is an agency of [A] the AU [B] ECOWAS [C] The E.E.C. [D] The UNO.
46. Which of the following groups advocated for political union of African state? [A] The Congo Group [B] The Brazzaville Group [C] The Casablanca Group [D] The Monrovia Group.
47. The head of a Nigerian mission in a commonwealth country is called [A] an Ambassador [B] a Council General [C] a High Commissioner [D] an Attaché.
48. Which of the following is not associated with local government elections? [A] an Ambassador [B] Ballot box [C] Electoral Officer [D] Ward.

Choose the word[s] or phrase[s] which best fill[s] the gap[s]

49. This is the kind of stew _____ [A] which its taste I do not like [B] which I do not like the taste of it [C] of which taste I do not like [D] the taste of which I do not like
50. _____ with him for two years, I cannot guarantee his good behaviour [A] To work [B] Having worked [C] To have worked [D] by working.
51. You had better _____ what the doctor recommended this morning [A] done [B] do [C] did [D] be doing.
52. If I had not finished my assignment, I would not _____ the opportunity to with the group [A] have been given [B] be given [C] be giving [D] have been giving.
53. The _____ car is the centre of attraction [A] small racing light-green [B] racing small light-green [C] light-green small racing [D] light-green small racing.
54. Many a man _____ done without milk in _____ tea these days. [A] had/their [B] has/his [C] have/their [D] had/his.

79. His textile business deals are in gross [A] wholesale [B] imported [C] retailed [D] exported.
80. Many species in creation have mutated over the years into new forms of life [A] stabilized [B] manifested [C] transformed [D] standardized.
81. She was asked to swallow her pride and get busy [A] be more realistic [B] eat up her pride [C] be less proud [D] be more insistent.
82. We watched in wonder as she rattled away in that esoteric language [A] inscrutable [B] familiar [C] secret [D] obscure.
83. Eze's skin now looks flabby as a result of his changed circumstances [A] neat [B] firm [C] weak [D] candid.
84. In the opinion of most observers, it was a disinterested decision [A] neutral [B] impartial [C] biased [D] candid.
85. Good students can easily identify spurious arguments [A] genuine [B] interesting [C] false [D] illogical.
86. He and his lieutenants have been accused of remaining intransigent. [A] rigid [B] stubborn [C] compromising [D] popular.

In each of the following questions, choose the most appropriate option nearest in meaning to the word[s] or phrase underlined.

87. The doctor insisted on giving all of us prophylactic drugs. [A] curative [B] preventive [C] routine [D] special.
88. I shuddered in revulsion as I watched the snake slowly swallow the struggling rat. [A] was fascinated [B] was repelled [C] was interested [D] was distressed.
89. The enemy interestingly proved a real bulwark on the memorable day [A] protecting force [B] source of trouble [C] trouble shooter [D] tribulation.
90. New companies in the country always put up classified advertisements in the dailies [A] secret [B] small [C] outrageous [D] expensive.
91. They show no finesse in dealing with strangers [A] boldness [B] kindness [C] tact [D] love.
92. Emeka became timorous when she was asked to give the valedictory speech [A] excited [B] aggressive [C] nervous [D] happy.
93. The professor discussed a number of abstruse topics [A] irrelevant [B] useful [C] esoteric [D] relevant.
94. Peter has often been described as belligerent [A] attractive [B] combative [C] innocent [D] patient.
95. The coalescence of the groups created additional problems [A] union [B] fighting [C] proscription [D] disbandment.
96. Any chief executive of an organization would find radical changes blocked at every turn [A] ideas [B] innovations [C] developments [D] suggestions.
97. Bisi was angry because her friend called her a pilferer [A] liar [B] hypocrite [C] criminal [D] thief.
98. He has always believed that my mother is a very impassioned woman [A] impartial [B] emotional [C] impassive [D] emotive.
100. The press described the efforts of the government in pejorative terms [A] critical [B] contemptible [C] palpable [D] superlative.

2008/2009 POST UTME UNIZIK

- 1.C
- 2.B
- 3.D
- 4.B
- 5.C
- 6.B
- 7.A
- 8.C
- 9.D
- 10.D
- 11.B
- 12.C
- 13.D
- 14.B
- 15.B
- 16.C
- 17.B
- 18.A
- 19.B
- 20.B
- 21.C
- 22.A
- 23.A
- 24.C
- 25.B
- 26.C
- 27.B
- 28.B
- 29.C
- 30.D
- 31.D
- 32.B
- 33.D
- 34.B
- 35.B
- 36.B
- 37.C
- 38.C
- 39.C
- 40.A

- 83.B
- 84.B
- 85.C
- 86.A
- 87.C
- 88.B
- 89.D
- 90.A
- 91.A
- 92.C
- 93.C
- 94.C
- 95.B
- 96.A
- 97.B
- 98.D
- 99.B
- 100.B

Grace Group, Unizik

NNAMDI AZIKIWE UNIVERSITY, AWKA
POST-UME SCREENING EXERCISE, 2009/2010

FOR
MANAGEMENT SCIENCES AND SOCIAL SCIENCES

INSTRUCTION

1. Shade firmly only one answer using HB pencil only
2. You are allowed to make a second choice of course into any course for which you are qualified
3. Shade your second choice of course in the column provided (column 8)

Time: 1 hour

Date: July 8, 2009

Answer the following questions

1. If the population of a town was 240,000 in January 2004 and it increased by 2% each year, what would be the population of the town in January 2006? (A) 480,000 (B) 249,696 (C) 249,600 (D) 244,800
2. Joseph brought an article for N500,000.00 and sold it to Okoro at a loss of $x\%$. Okoro later sold the article to Godwin in a profit of 40%. If Okoro made a profit of N10,000.00, find the value of x (A) 60 (B) 50 (C) 40 (D) 20
3. A man wishes to keep some money in a savings deposit at 25% compound interest so that after 3 years he can buy a car for N150,000.00. How much does he need to deposit now? (A) N112, 00.50 (B) N96,000.00 (C) N85,714.21 (D) N76,000.00
4. Convert 3.14159 to 5 decimal places (A) 3.14160 (B) 3.14159 (C) 0.31415 (D) 3.14200
5. The length of a notebook 15cm was measured as 16.8cm. calculate the percentage error to 2 significant figures (A) 12.000% (B) 11.000% (C) 10.71% (D) 0.12%
6. A worker's present salary is N24,000.00 per annum. His annual increment is 10% of his basic salary. What would be his annual salary at the beginning of the third year? (A) N28,800.00 (B) N29,040.00 (C) N31,200.00 (D) N31,944.00
7. Express the product of 0.0014 and 0.011 in standard form (A) 1.54×10^{-4} (B) 1.54×10^{-3} (C) 1.54×10^{-4} (D) 1.54×10^{-5}
8. Four members of a school's first eleven cricket team are also members of the first fourteen rugby team. How many boys play for at least one of the two teams? (A) 25 (B) 21 (C) 16 (D) 3
9. A chord of a circle of diameter 42cm subtends an angle of 60° at the center of the circle. Find the length of the minor arc (A) 22cm (B) 44cm (C) 110cm (D) 220cm
10. A market woman sells oil in cylindrical tins 10cm deep and 6cm in diameter at N15.00 each. If she bought a full cylindrical jug 18cm deep and 10cm in diameter for N50.00, how much did she make by selling all the oil? (A) N62.50 (B) N35.00 (C) N31.00 (D) N25.00
11. The most frequently occurring value in a given set of data is the (A) mode (B) median (C) mean (D) range
12. "Subsistence production" means that goods and services are (A) product for consumption only (B) sold to others (C) sold in the country (D) product for the market
13. Warehouse facilities in the distribution and marketing of products are provided by (A) manufacturers (B) wholesalers (C) retailers (D) advertisers
14. Which of the following is a reward of production? (A) interest (B) donation (C) gift (D) subsidy
15. Land is a factor of production because it (A) is a free gift (B) contain valuable mineral resources (C) assists in the creation of utility (D) is owned by individuals and governments.
16. One of the advantages of large scale production is that (A) there is a rise in the cost of administration (B) consumers sacrifice their individual tastes (C) the firm can use labour-saving machinery (D) the demand for a firm's products becomes localized.

17. "Localization of industry" refers to the (A) concentration of the firms of an industry in a particular area (B) sitting of industries in rural areas (C) even spread of industries (D) government policy of influencing the location of industries
18. Economists speak about "opportunity cost" when a consumer (A) has the chance to minimize costs (B) has to forgo one thing in order to have another (C) can equate his fixed costs with his variable costs (D) is able to save part of his income
19. The costs which a firm will incur whether it is in production or not is referred to as (A) average cost (B) variable cost (C) opportunity cost (D) fixed cost
20. Which of the following is a liability of a commercial bank? (A) deposits (B) money at call (C) loans to customers (D) overdraft
21. The value of money is best determined by its (A) size (B) purchasing power (C) portability (D) being recognized
22. Which of the following is a function of merchant banks? (A) minting of coins (B) preparation of government budget (C) keeping watch on external reserves of the country (D) acting as acceptance houses.
23. Who among the following will benefit from inflation? (A) pensioners (B) savings (C) debtors (D) creditors
24. Which of the following is a function of the Central Bank of Nigeria? (A) serving as custodian of important valuables (B) giving advise to customers (C) serving as banker's bank (D) creating credit
25. A central argument of cardinal utility is that utility is (A) psychological (B) measurable (C) ranked (D) intangible
26. In a capitalist economy, the economic problem of what goods to produce is decided mainly by (A) shadow price (B) profit level (C) a central planner (D) relative prices
27. Which of the following is an example of derived demand? (A) tax relief (B) wage increase (C) labour (D) entertainment
28. At the point where marginal revenue of a monopolist is equal to zero, its total revenue will be (A) falling (B) maximum (C) equal to zero (D) rising
29. In a small scale business, the fixed cost is N5,000.00, variable costs is N15,000.00 and the output is 500 units. What will be the unit cost on the goods? (A) N20.00 (B) N40.00 (C) N80.00 (D) 400.00
30. A well conducted census is important for (A) effective defence (B) good economic planning (C) effective revenue generation (D) optimum generation
31. In a free market system, trading can only take place when the (A) equilibrium price is attained (B) market is not working efficiently (C) price of a commodity tends to attract consumers (D) consumer sovereignty is lacking
32. The major role of national legislature is to (A) scrutinize and criticize the executive branch (B) step into political vacuum created by weak executives (C) exposed and supervise the government (D) make laws for the general welfare of citizens
33. The essence of the constitution of the United States of America is that (A) it is based on the concept that all men are created equal and are endowed with rights (B) the supreme court is the most political powerful branch of the government in the country (C) it is a peculiarity North American document (D) it protects black Americans at all times
34. The term "rule of law" means (A) nobody is above the law (B) everybody is equal before the law (C) we are being governed by lawyer (D) A and B above
35. Another name for delegated legislation is (A) administrative legislation (B) executive legislation (C) subordinate legislation (D) all of the above
36. Persons legally qualified to vote for parliamentary candidates form (A) public opinion (B) political parties (C) the electorate (D) the executive

77. Separation of powers is primarily a (A) means of ensuring parliamentary supremacy (B) restriction of powers of the executive (C) devise to limit the powers of the executive to enhance individual freedom (D) means of guaranteeing the independence
78. All federal systems of government have (A) flexible constitution (B) industrialized economics (C) written constitutions (D) a liberal government
79. The independence of the judiciary can be best safeguard by (A) the public service commission (B) a charismatic leadership (C) a system of checks and balances (D) a liberal government
80. When we talk about adult male suffrage we mean (A) all adults can vote (B) all adult males can vote (C) all men who pay tax can vote (D) all men can vote
81. When was the emirate system of government introduced in Nigeria? (A) 19th century (B) 20th century (C) 18th century (D) 17th century
82. In Nigeria, appellate cases from courts of Appeal go to (A) the World Court at the Hague (B) the Senate (C) the Supreme Court (D) the House of Representative
83. Which is the supreme organ of the OAU? (A) the council of Ministers (B) the Administrative secretary (C) the Assembly of the Heads of State and Government (D) the secretary general
84. The concept of indirect Rule in Nigeria is usually associated with (A) Sir George T. Goldie (B) Sir Donald Cameron (C) Sir Arthur Richards (D) Lord Lugard
85. A good example of a country which operates a cabinet system of government is (A) France (B) the United States of America (C) the United Arab Republic (D) the United Kingdom
86. The term "franchise" refers to (A) French speaking people (B) property owners (C) the right to choose representatives to the legislature (D) the voting card
87. Under the Presidential System of Government in Nigeria, (A) there is no formal opposition in the national legislature (B) the majority leader exercises powers which is equal to that of the president (C) the president has absolute power (D) the president of the senate is the second in command to the president
88. The inalienable rights of the citizens are best protected through (A) mass participation in political processes (B) an independent and fearless judiciary (C) a cabinet system of government (D) a good Head of State
89. Public corporations are set up to (A) make profits (B) compete with the private sector (C) cater for those business that cannot be left entirely to private enterprise (D) get Board appointment for politicians
90. Anonymity of the civil servant means that civil servant must (A) serve any government impartially (B) be politically neutral (C) avoid nepotism and favouritism (D) not receive the credit or blame for any good or bad policy
91. A court order directing a detainee to be brought to court is called (A) a referendum (B) summons (C) injunction (D) habeas corpus
92. The gap with the appropriate option in each of the following sentences
93. I sent _____ news to the press yesterday (A) a parcel of (B) a flash of (C) an item of (D) a number of
94. The university has a large collection of sporting _____ (A) equipment (B) equipments (C) costumes (D) aids
95. He keeps his _____ clean always (A) surrounding (B) surroundings (C) premise (D) environments
96. She has a set of gold _____ (A) earing (B) earrings (C) earrings (D) ear-ring
97. I have stopped writing letters of application because I _____ that all the vacancies are filled (A) have heard (B) had heard (C) heard (D) hear
98. One of the _____ selective marketing of errors (A) school of thought suggests (B) schools of thought suggest (C) school of thoughts suggested (D) schools of thought suggests

58. From 7 a.m to 9a.m, he_____hot chocolate, often not having time for his own breakfast (A) is kept serving (B) keeps busy to serve (C) is busied serving (D) kept busy to serve
59. Our principal and Chairman of the occasion _____-just arrived (A) have (B) has (C) having (D) had
60. A survey of opinions on how pupils feel about their teachers _____carried out (A) has been (B) have been (C) are being (D) is been
61. The police are looking for_____ (A) two big cars black (B) two cars big black (C) two big black cars (D) two black big cars
62. Adaobi is_____dishonest people (A) to (B) at (C) for (D) of
63. My goats are grazing_____the fields (A) on (B) in (C) at (D) into
64. It _____easier if he told us himself (A) would be (B) would have been (C) would had been (D) will be
65. The choice to go to the university or not is _____(A) yours' (B) your (C) yours (D) your's
66. It has been confirmed that the election_____held in August (A) will be (B) is being (C) has been (D) have being
67. People who live by_____what loneliness is like (A) each other know (B) one another know (C) oneself knows (D) themselves know
68. You avoid facing_____the reality of life (A) at (B) up (C) up to (D) on to
69. In _____we as politicians are identified with the masses (A) a more deeper sense (B) a much deeper sense (C) a most deeper sense (D) much more deeper sense
70. In addition, their comments are vague and abstract_____difficult to interpret (A) which students find it (B) and students find it (C) so student find them (D) but students find them
71. We are_____to receive your letter and to know that you are _____(A) happy/in good health (B) grateful/sound (C) pleased/all well (D) appreciate/swimming in good health
72. One of the _____during the football match led to fight between the teams (A) incidence (B) incidences (C) incident
73. He went to abroad with a view _____a business partner (A) to find (B) to be finding (C) to have found (D) to finding
74. He had just entered the office_____the telephone rang (A) as (B) before (C) since (D) when
75. His suggestion is completely_____the point and cannot be accepted (A) to (B) about (C) beside (D) on
76. For _____he is the company secretary, we shall not have correct minutes of our meetings (A) because (B) as long as (C) so long (D) in as much
77. The traditional folktales form an_____to the book (A) Index (B) insertion (C) appendix (D) overview
78. The frightening explosion in the factory _____a whole wing (A) washed out (B) wiped out (C) rooted out (D) cleared out
79. Our plane was scheduled to _____at 10 hours but it was delayed because of bad weather (A) fly out (B) take off (C) start out (D) move
80. As luck would have it, the weather brightened almost immediately and after six hours flight we _____at Heathrow Airport (A) touched down (B) came down (C) dropped (D) flew down
81. Because the referee was partial and his opponent rough, the loser of the wrestling match received _____cheers than the winner (A) several (B) many more (C) a little more (D) thunderous
82. Many lives are lost on Nigerian roads_____lack of consideration for other road users by many crazy drivers (A) in view of (B) resulting in (C) owing totally (D) through
83. My little boy is hyper-active and he is therefore prone _____-accidents (A) with respect to (B) for (C) to (D) about

ANSWERS ON 2009/2010 POST-UME QUESTIONS
FOR
MANAGEMENT SCIENCES AND SOCIAL SCIENCES

- 1st Year, the population = $2400 \times \frac{2}{100} = 4800$
Being of 2nd year population = $240000 + 4800 = 244800$
Increase in population in the 2nd Year gives: $24480 \times \frac{2}{100} = 2496996$ Ans = B
2. Cost Price (CP) = N50000
Selling Price (SP) = $N50000 \times 10 \frac{x}{100}$
Okoro's CF = $500 \times 100 - x/100$
Okoro's SP = $50000 \times 100 \frac{x}{100} \times \frac{40}{100}$
But Okoro's profit = 10000
 $1000 = 50000 \times 100 \frac{x}{100} \times \frac{40}{100}$
 $1000 = (100 - x) 20$
 $1000 = 2000 - 20x$
 $20x = 1000$
 $x = 50$ Ans = B
3. Compound interest : $A = p (1+r)^n$
 $A = N150000, r = 25\%, n = 3$
 $N150000 = P(1+25\%)^3$
 $150000 = P(1 + 0.25)^3$
 $150000 = P(1.25)^3$
 $150000 = 1.953125p$
 $P = 150000/1.953125$
 $P = N76,800.00$ Ans = D
4. 3.14159 to 5 d.p.
= 3.14159 Ans = B
5. Since Actual length = 15cm
Measured length = 16.8cm
Error in measurement = $16.8 - 15 = 1.8$
% error = $\frac{\text{Error}}{\text{Actual length}} \times 100$
= $\frac{1.8}{15} \times 100 = 12\%$ Ans A
6. Worker's present salary = N24,000
Since he had a 10% increment, it will be
 $\frac{10}{100} \times 24000$
= N2400
N24000 + N2400 = N26400
His salary at the beginning of the 3rd year gives
= $24600 + \frac{10}{100} \times 26400$
= $N26400 + N2640$
= N29040 Ans = B
7. 0.0014×0.011
= $1.4 \times 10^{-3} \times 1.1 \times 10^{-2}$
= $1.4 \times 1.1 \times 10^{-3-2}$
= 1.54×10^{-5} Ans = D
8. No. of Cricket team = 11
No. that plays c cricket only: $11 - 4 = 7$
No of Ruby team = 14
No. that plays Ruby only: $14 - 4 = 10$
No. that plays both games = 4
No. that plays at least one of the games = $7 + 4 + 10 = 21$
Ans = B
9. Length of the mirror are = $\frac{\theta}{360} \times 2\pi r$
Since Radius = $\frac{\text{diameter}}{2} = 42/2 = 21$
= $\frac{60}{360} \times 2 \times \frac{27}{7} \times 21$
= 22cm
Ans = A
10. Volume of Cylindrical tin = $\pi r^2 h$
Volume of Cylindrical jug = $\pi R^2 H$
Quantity of oil sold at N15 = $\frac{\pi R^2 H}{\pi r^2 h}$
 $\pi R^2 H / \pi r^2 h \times 15$
since radius of cylinder tin = Diameter/2
 $\frac{10}{2} = 5\text{cm}$
And radius of Cylinder tin = $\frac{\text{diameter}}{2}$
= $\frac{2}{6} = 3\text{cm}$
 $25 \times \frac{18}{9} \times 10 \times 15 = N75$
Gain = $N75 - N50 = N25$ Ans D

UNIZIK 2009/2010

11.A	12.A	13.B	14.A	15.C	16.C	17.A	18.B	19.D
20.A	21.B	22.D	23.D	24.A	25.B	26.C	27.A	28.A
29.B	30.B	31.D	32.D	33.A	34.D	35.D	36.C	37.C
38.C	39.C	40.D	41.A	42.C	43.D	44.D	45.D	46.C
47.C	48.B	49.C	50.A	51.D	52.B	53.A	54.B	55.C
56.A	57.A	58.A	59.B	60.A	61.C	62.D	63.B	64.A
65.C	66.A	67.C	68.C	69.A	70.C	71.A	72.B	73.D
74.D	75.C	76.B	77.D	78.B	79.B	80.D	81.D	82.C
83.C	84.D	85.D	86.A	87.B	88.C	89.D	90.B	91.B
92.C	93.A	94.D	95.C	96.B	97.C	98.D	99.C	100.D

Grace Group, Unizik

NNAMDI AZIKIWE UNIVERSITY, AWKA
POST-UME SCREENING EXERCISE, 2010/2011
FOR

MANAGEMENT SCIENCES AND SOCIAL SCIENCES

INSTRUCTIONS

1. Shade FIRMLY only one answer using HB pencil only
2. Shade your second choice of course in the column provided (column 8)

Time Allowed: 1 hour

Date: July 20, 2010

From the list of words or group of words lettered A to D, choose the one that is most opposite in meaning to the underlines words or group of words.

1. My uncle is a prosperous businessman; my aunt, unfortunately, is quite _____. (A) dishonest (B) unskilled (C) unsuccessful (D) unqualified
2. The University has a large yearly intake very few _____ take place. (A) turnouts (B) rejections (C) expulsion (D) obstructions
3. Rather than make derogatory remarks about the hoist, a guest should make _____ one. (A) polite (B) honest (C) complimentary (D) interesting
4. Our mechanized services contrast sharply with the _____ operations we had before. (A) electrical (B) controlled (C) original (D) manual
5. After Chike had listened to some advice, his rigid ideas became more _____. (A) friendly (B) compromising (C) flexible (D) democratic
6. The policies of this Government favour the elite rather than the _____. (A) masses (B) oppressed (C) public (D) unemployed.
7. God opposes the pound and rewards the _____. (A) poor (B) honest (C) humble (D) faithful
8. The plot says that it is easier to takeoff from the airport than to _____. (A) come down (B) land (C) alight (D) drop
9. Although Chude's manners are quite refined, his colleague's are rather _____. (A) bold (B) crude (C) hostile (D) rash
10. I am quite outspoken but my brother is _____. (A) dumb (B) indolent (C) taciturn (D) modes

From the words lettered A to D choose the word that best completes each of the following sentences.

11. All the people in the bus died in that _____ accident (A) serious (B) reckless (C) fatal (D) dangerous
12. What a _____ i the more you look, the less you see (A) wonder (B) miracle (C) challenge (D) paradox
13. The soldiers pledged their _____ loyalty to the new Government (A) enduring (B) tireless (C) complete (D) questionable
14. There is an interesting article in the _____ issue of UNIZIK Bulletin. (A) existing (B) current (C) actual (D) contemporary
15. After interrogation, the police _____ the information from the suspect (A) exposed (B) wrung (C) received (D) obtained
16. Mr. Okoye will never tell you everything: he is very _____. (A) quiet (B) realistic (C) secretive (D) reserved
17. The two Trade Unions decided to _____ in order to form a stronger organization (A) intermix (B) amalgamate (C) consolidate (D) join

18. Many countries no longer have _____-punishment as the penalty for murder (A) mortal (B) corporal (C) capital (D) fatal
19. _____ packages should always be handled with care (A) insecure (B) fragile (C) weak (D) boxed
20. Because of the hard times, many workers live in _____ poverty (A) repulsive (B) ridiculous (C) abject (D) unpardonable

After each of the following sentences, a list of possible interpretations is given. Choose the interpretation that you consider most appropriate for each sentence.

21. The General wondered whether or not the new recruits were equal to the task ahead. This means that the General was not sure whether, or not the new recruits (A) were sufficient in number (B) were old enough (C) had enough experience (D) could do the job
22. Not a single member of the Board put in a good word for him. This means that (A) all the members criticized him (B) none of the members said anything favourable about him (C) some of the members disliked him (D) none of the members spoke kindly to him.
23. Joe is very down to earth. This means that Joe is (A) a good farmer (B) rather short (C) practical and sensible (D) rough and dirty
24. Researchers leave no stone unturned in their quest for solutions. This means that researchers (A) overturn everything (B) do everything possible (C) disturb everybody (D) need a lot of help
25. Chima's stepmother keeps his nose to the grindstone. This means that Chima's stepmother (A) makes Chima grind all the time (B) makes Chima work all the time (C) keeps her hand on Chima's nose (D) forces Chima to grind stones
26. Most people usually steer a middle course in all they do. This means that most people (A) travel quite slowly (B) work very hard (C) live and do things moderately (D) do not drive very fast
27. She delivered her speech without turning a hair. This means that she delivered her speech without (A) any emotion (B) combing her hair (C) nodding (D) looking up
28. Although wrestling is popular, it is not my cup of tea. This means that wrestling (A) is rough (B) is a primitive game (C) does not interest me (D) is not lucrative
29. Although Sam had earlier insisted that he was right, he later ate his words. This means that he later (A) denied saying so (B) admitted that he was wrong (C) apologized for being so rude (D) realized that he was more correct than he thought
30. The young girl swept the board at the recent competitions. This means that the young girl (A) came last in the competitions (B) cleared the score-board very well (C) won some of the competitions (D) won everything that could be won
31. The sum of N140,000 is shared between Abu, Kayode and Uche. Abut has twice as much as Kayode, and Kayode has twice as much as Uche. What is Kayode's share? (A) N80,000 (B) N10,000 (C) N40,000 (D) N20,000
32. I am x years and my brother is 3 years older. How old was my brother last year (A) $(x - 4)$ years (B) $(x+2)$ years (C) $(3x-1)$ years (D) $(3x+1)$ years.
33. Divide the sum of 8,7,2,6,0,4,7,2,3, by their mean (A) 7 (B) 9 (C) 8 (D) 6
34. A chord of length 6cm is drawn in a circle of radius 5cm. find the distance of the chord from the centre of the circle (A) 2.5cm (B) 3.0cm (C) 3.5cm (D) 4.0cm
35. A sector of a circle of radius 1cm containing an angle 60° is folded to form a cone. Calculate the radius of the base of the cone (A) $5\frac{1}{2}$ cm (B) $4\frac{2}{3}$ cm (C) $3\frac{1}{2}$ cm (D) $2\frac{1}{3}$ cm
36. A rectangular picture 6cm by 8cm is enclosed by a frame $\frac{1}{2}$ cm wide. Calculate the area of the frame (A) 20sq. cm (B) 15sq. cm (C) 13sq.cm (D) 16sw.cm
37. In a soccer competition in one season, a club had scored the following goals: 2,0,3,3,2,1,4,0,0,5,1,0,2,2,1,3,1,4,1 and 1. The mean, median and mode are, respectively: (A) 1.8, 1 and 1.5 (B) 1.8, 1.5 and 1 (C) 1.5, 1 and 1.8 (D) 1, 1.8 and 1.5

38. Seven (7) pupils of average age 12 years leave a class of 25 pupils of average age 14 years. If 6 new pupils of average age 11 years join the class, what is the average age of the pupils now in the class? (A) 13 years (B) 12 years 7 ½ months (C) 13 years 5 months (D) 13 years 10 months
39. By selling an article for N45.00 a man makes a profit of 8%. For how much should he have sold it in order to make a profit of 32% (A) N180.00 (B) N58.00 (C) N55.00 (D) N63.00
40. A group of 14 children received the following scores in a reading test: 35, 35, 26, 26, 26, 29, 29, 29, 12, 25, 25, 25, 25, 17. What was the median score? (A) 29 (B) 26 (C) 25 (D) 23
41. In one and half hours, the minute hand of a clock rotates through an angle (A) 90° (B) 180° (C) 540° (D) 450°
42. If x is the addition of the prime numbers between 1 and 6, and y the H.C.F. of 6, 9, 15, find the product of x and y. (A) 20 (B) 2 (C) 0.2 (D) 1
43. A 10.0g of salt was weighed by Frank as 10.2g. What is the percentage error? (A) 20 (B) 2 (C) 0.2 (D) 1
44. Two sisters, Florence and Felicia, own a store. The ratio of Florence's share to Felicia's is 11:9. Later, Felicia sold $\frac{2}{3}$ of her share to Florence for N720.00. Find the value of the store (A) N1,080.00 (B) N2,400.00 (C) N3,000.00 (D) N3,600.00
45. Okechukwu deposited N8,00.00 in the bank at the rate of $12\frac{1}{2}\%$ simple interest. After some time, the total amount was one and half times the principal. For how many years was the money left in the bank? (A) 2 (B) $5\frac{1}{2}$ (C) 4 (D) 8
46. If the surface area of a sphere is increased by 44%, find the percentage increase in the diameter (A) 44 (B) 30 (C) 22 (D) 20
47. The cost of dinner for a group of students is partly constant and partly varies directly as the number of students. If the cost is N74.00 when the number of students is 20, and N96.00 when the number is 30, find the cost when there are 15 students (A) N68.50 (B) N63.00 (C) N60.00 (D) N52.00
48. In a family of 21 people the average age is 14 years. If the age of the grandfather is not counted, the average age drops to 12 years. What is the age of the grandfather? (A) 65 years (B) 40 years (C) 42 years (D) 54 years
49. A square tile has side 30cm. how many of these tiles will cover a rectangular floor of length 7.2m and width 4.2? (A) 336 (B) 420 (C) 576 (D) 720
50. In preparing rice cutlets, a cook used 75g of rice, 40g of margarine, 105g of meat and 20g of bread crumbs. Find the angle of the sector which represents meat in a pie chart (A) 30° (B) 60° (C) 112.5° (D) 157.5°
51. Utility is the satisfaction derived from (A) production (B) distribution (C) demand (D) consumption
52. In economic analysis, a statement is said to be normative if it (A) can be tested scientifically (B) relates to value judgement (C) is contradictory (D) is incorrect
53. If Nigeria's composite price index in 1999 was 140.03% and 144.05 in 2000, the rate of inflation in 2000 was (A) 4.02% (B) 2.10% (C) 1.03% (D) 2.06%
54. The monetary control instrument most effectively used by the Central Bank of Nigeria is the (A) discount rate (B) reserve ratio (C) margin requirement (D) open market operations
55. IBRD as an international monetary institution is concerned with the (A) balance of payments problems of member nations (B) financing of private businesses in member nations (C) development of infrastructure in member nations (D) improvement of trade among member nations
56. An advantages of the sole proprietorship over the partnership form of business organization is that (A) balance of payments problems of member nations (B) its existence is limited by an individual's life span (C) it relies is on the decision of friends to succeed (D) the possibility of conflict in management is virtually non-existent

57. To compare the standard of living among nations, the most widely used economic indicator is the (A) per capita nominal income (B) real domestic output (C) real per capita income (D) real gross national income
58. Statutory organizations usually established by Acts of Parliament are called (A) public enterprises (B) public corporations (C) cooperative societies (D) joint-stock companies
59. A greater burden of the taxes on essential goods is borne by the (A) higher income group (B) newly recruited workers (C) lower income group (D) contract workers.
60. An adverse environmental impact of the petroleum industry on the economy is (A) the vandalization of oil equipment (B) oil spillage (C) communal riots (D) community development
61. When a union is composed of workers with the same skill, it is called (A) a worker's union (B) an industrial union (C) a craft union (D) a technical union
62. One way of solving the problem of double counting is by computing national income using the (A) value-added method (B) income method (C) expenditure method (D) output method
63. The monetization policy of the Federal Government is an offshoot of (A) PAYE (B) MDGs (C) NEEDS (D) SAP
64. An advantage of electronic banking is that it (A) enables many customers to operate joint accounts (B) reduces the risk of bank fraud (C) enables a customer to operate many accounts from different locations (D) enables a customer to operate his account from different locations.
65. A reduction in the bank rate encourages commercial banks to create money by (A) decreasing the interest rate (B) maintaining the interest rate (C) doubling the interest rate (D) raising the interest rate
66. A persistent rise in the price of inputs will lead to (A) demand-pull inflation (B) cost-push inflation (C) stagflation (D) hyperinflation
67. An economic system in which the producer and the consumer are the same is referred to as a (A) capitalist economy (B) mixed economy (C) subsistence economy (D) socialist economy
68. A firm operating at full capacity will have a (A) fairly elastic supply curve (B) fairly inelastic supply curve (C) perfectly elastic supply curve (D) perfectly inelastic supply curve
69. When the demand for a good increases owing to an increase in income, it means that (A) inflation has taken place (B) demand has exceeded supply (C) there is an increase in demand (D) there is an increase in quantity demanded
70. The major determinant of cross elasticity of demand is the (A) level of income of consumers (B) closeness of the substitutes (C) price of the good (D) degree of necessity of the good
71. If $P = \frac{1}{2}(Q_s + 15)$, what is the quantity supplied at N9.00? (A) 12 (B) 33 (C) 3 (D) 1.5
72. The range is used to (A) measure the difference between the mean and the mode (B) calculate the standard deviation (C) estimate the mean from grouped data (D) determine the spread of a set of data
73. The coefficient of the price elasticity of supply is always (A) negative (B) positive (C) zero (D) constant
74. A commodity is described as inferior when the (A) substitution effect is positive (B) substitution effect is positive (C) income effect is negative (D) income effect is positive
75. The term ceteri paribus implies that (A) resources are scarce (B) human problems can be solved (C) human beings are unpredictable (D) all factors are fully utilized
76. The Arthur Richards Constitution was designed to last for (A) nine years (B) five years (C) four years (D) eight years
77. One argument against a multi-party system is the (A) inability to develop the nation (B) encouragement of diverse opinions and opposition (C) inability to attract foreign investment (D) banning of pressure groups
78. The idea of democracy was first associated with the (A) English (B) Romans (C) Greeks (D) Egyptians

79. When the electorate vote for representatives who is turn vote on their behalf we say that it is (A) an indirect election (B) an unfair election (C) a rigged election (D) a biased election
80. According to Marxist theory, those who own and control the means of production in a capitalist society are (A) exploiters (B) colonialists (C) bourgeoisie (D) shareholders
81. Bicameralism refers to (A) a one chamber legislature (B) the upper chamber in a legislature (C) a two chamber legislature (D) legislatures in all sovereign states
82. Which of the following bodies in the most representative organ of the United Nations Organization? (A) the security council (B) The International Court of Justice (C) The Economic and Social Council (D) the General Assembly
83. The French policy of Assimilation (A) enabled Europeans to assimilate and come to terms with African cultural values (B) produced radical African leaders who were anxious to terminate cordial relationships with France (C) was aimed at converting Africans into Frenchmen (D) was a device to transfer French technology to Africa
84. An ideology is essentially (A) a guide to political action (B) a manual for revolution (C) a non-political concept (D) a curse on politicians
85. The principle of the "Separation of Powers" in the new Constitution of Nigeria is different from that of the U.S.A. because (A) there are two Houses of the National Assembly (B) traditional rulers can play a dominant role (C) the President is above the law (D) the Vice-President is not the President of the Senate
86. A court order directing a detainee to be brought to court is called (A) injunction (B) summons (C) habeas corpus (D) prerogative of mercy
87. Anonymity of the civil servant means that civil servants must (A) serve any government (B) be politically neutral (C) not receive the credit or blame for any good or bad policy (D) avoid nepotism and favouritism
88. Which of the following terms is different from the others? (A) Totalitarianism (B) Fascism (C) Constitutionalism (D) Authoritarianism
89. The first Pan-African Conference took place in (A) 1920 (B) 1945 (C) 1946 (D) 1960
90. The inalienable rights of the citizens are best protected through (A) mass participation in political processes (B) an independent and fearless judiciary (C) a good head of state (D) a cabinet system of government.
91. The British Constitution, by being unwritten, (A) encourages the dominance of the Prime Minister (B) gives room for the development of conventions (C) makes the parliamentary system unworkable (D) allows unquestionable parliamentary sovereignty
92. A system in which a few powerful and rich nobles own land which is hired out to the poor people to farm is called (A) feudalism (B) cooperatives (C) socialism (D) communism
93. The doctrine of "The Dual Mandate" was put forward to justify (A) slavery (B) colonialism (C) apartheid in South Africa (D) in developing countries
94. The term "rule of law" is applicable only (A) in Western type democracies (B) in States where laws are supreme (C) in Socialist countries (D) in developing countries
95. When we talk about adult male suffrage we mean (A) all adults can vote (B) all adult males can vote (C) all men who pay tax can vote (D) all adult men who pay tax can vote
96. Which of the following are pressure groups? (A) The Nigerian Chamber of Commerce (B) The Nigerian Union of Teachers (C) The National Union of Nigerian Students (D) All of the above
97. The franchise is (A) the receipt given to tax payers (B) an order of the Court (C) the right to vote (D) the paper clearing your goods from Customs.
98. The first Governor-General of Nigeria was (A) Rt. Hon. Dr. Nnamdi Azikiwe (B) Lord Lugard (C) Sir James Robertson (D) Sir Clement Pleace
99. The AU was formed in (A) 1946 (B) 1956 (C) 1960 (D) 1963

Solutions on calculations questions on 2010/2011 POST-UME for MANAGEMENT SCIENCES AND SOCIAL SCIENCES.

From the question paper, question 31 to 50 requires calculation, At such, they include below:

31. Let my age be x
 Since my brother is 3 years older, then we have $[x + 3]$ years
 His age last year: $[x + 3] - 1$ years
 $[x + 3 - 1]$ years
 $[x + 2]$ year Ans = B

32. From the name, let Abu, Kayode and Uche's share A, K and U respectively.
 Since Abu has twice as Kayode: $A = 2K$
 $\Rightarrow K = \frac{A}{2}$
 And Kayode has twice as Uche: $K = 2u$
 $\Rightarrow u = \frac{k}{2}$
 But $K = \frac{A}{2}$
 By putting the value of K in $\frac{K}{2}$ we have $\frac{A}{2}$

$$\therefore \frac{A}{2} \times \frac{1}{2} = \frac{A}{4}$$

Total share: $A + \frac{A}{2} \times \frac{A}{4} = \text{N}140,000$

$$\frac{4A + 2A + A}{4} = \text{N}140,000$$

$$\frac{7A}{4} \Rightarrow \text{N}140,000$$

$$7A \Rightarrow \text{N}560,000$$

$$Ax \Rightarrow A \text{ N}140,000$$

$A = \text{N} 80,000 \therefore$ Abu's share N80,000
 REM: Abu has twice as Kayode: $A = 2k$; $k = \frac{A}{2}$

$$\text{We have } \frac{80,000}{2} = \text{N} 40,000$$

$$\therefore \text{Kayode's share} = \text{N} 40,000 \quad \text{Ans} = \text{C}$$

33. The sum of the set of nos. gives
 $8 + 7 + 2 + 6 + 0 + 4 + 7 + 2 + 3 = 39$

$$\text{Their mean} = \frac{\text{Total no. of the set}}{\text{No. the set}} = \frac{39}{9}$$

$$= 4.33 \quad \text{Ans} = \text{B}$$

34. Using Pythagoras theorem
 $OA^2 = Ap^2 + Op^2$

$$5^2 = 3^2 + d^2$$

$$25 = 9 + d^2$$

$$16 = d^2 \Rightarrow d = 4.0 \quad \text{Ans D}$$

35. Using $\frac{\theta}{360} = \frac{r}{l}$ = unknown,

$$1 = \text{radius}, \theta = 60^\circ$$

$$\frac{60}{360} = \frac{r}{14}$$

$$840 = 360r$$

$$84 = 36r$$

$$R = 2.5\text{cm} \quad \text{Ans} = \text{A}$$

36. Area of frame = External Area - Internal Area

$$= [8 + 1][6 + 1] - 8[6]$$

$$= 9 \times 7 - 48$$

$$= 63 - 48 \Rightarrow 15 \text{ sq. cm} \therefore \text{Ans} = \text{A}$$

37. [1] The mean = total no. of the set
 No. of the

set

$$\frac{\text{total bno. of the set}}{\text{no of the set}} = 36$$

$$\text{No. of the set} = 20 \Rightarrow \therefore \frac{3}{20} = 1.8$$

- [ii] To find the median, first arrange the set on nos. in either ascending or descending order. By arranging in ascending order it becomes

0,0,0,0,1,1,1,1,1,1,1,2,2,2,2,3,3,3,4,4,5.

By counting 10s on both sides of the set of nos 1 and is the middle numbers, in this case, we have to add them and

$$\text{divide their sum by 2. i.e } \frac{1+1}{360} = \frac{2}{2} = 1$$

- [iii] Mode = The number with the highest occurrence [Highest Frequency]. From the set of nos, the mode is 1 since it occurred 6 times and 1.5 in the options.
 \therefore From the options Ans = A [1.8, 1 and 1.5] since it follows the sequence.

38. Total sum of 7 pupils of average age 12 yrs
 Total sum of 25 pupils of average age 14yrs = $25 \times 14 = 350$. Total no. age remaining: $350 - 84 = 266$. Total sum of 6 pupils of average age 11yrs =

$6 \times 11 = 66$. Since they joined the class, then it gives $= 266 + 66 = 332$. No of pupils remaining in the class: $= 25 - 7 + 6 = 24$. Average age of remaining pupils gives: $= \frac{332}{24} = 13$ Rem. 5 \Rightarrow 13 years 5 months Ans = C

39. 8% profit = 100 + 108%, 32 % profit = 100 + 32 = 132%
 108% \Rightarrow N 45.00
 132% \Rightarrow ?
 $\therefore \frac{132}{108} \times \frac{45}{1} = \text{N } 55.00$ Ans = C

40. First arrange the set of nos. in either ascending or descending order:
 12, 17, 25, 25, 25, 25, 26, 26, 26, 29, 29, 29, 35, 35.
 By counting 6 on each side on the set of the nos. the median fall b/w 26 and 26
 Median = $26 + \frac{26}{2} = 26$
 Ans = B

41. Since 1 hour rotates a full circle of 360°
 And in half hour = 180°
 i.e $1 \frac{1}{2}$ hour: $360 + 180 = 540$ Ans = C.

42. $x =$ Prime Nos. between 1 and 6.
 $\therefore X = 2 + 3 + 5 = 10$
 Note: 1 not a prime number
 $\therefore Y =$ H.C.F of 6, 9, 15
 $6 = 2 \times 3$
 $9 = 3 \times 3$
 $15 = 3 \times 5$
 H.C.F [y] = 3
 Their product: $xy = 3 \times 10 = 30$ Ans B

43. Actual Error in Weight?: $10.2 - 10.0 = 0.2$
 $\% \text{ Error} = \frac{\text{actual Error}}{\text{Actual mass}} \times \frac{100}{1} = 36$
 $\frac{0.2}{10} \times \frac{100}{1} = 2\%$ Ans = B

44. Let Florence's share = x
 Let Felicia's share = y
 Felicia's share = $\frac{2}{3}$ of y
 i.e $\frac{2}{3} \times y = \text{N } 720$
 $2y = 720 \times 3$
 $2y = 2160$

$$y = \text{N } 1080$$

\therefore Felicia share = N 1080

Total ratio: $9 + 11 = 20$

Let the value of the store = z

$$\frac{9}{20} \times \frac{z}{1} = \text{N } 1080$$

$$9z = 21600 \Rightarrow z = \text{N } 2400$$

\therefore The value of the store = N 2400

\therefore Ans = B

$$45. \text{ Interest [I]} = \frac{P \times R \times T}{100}$$

Where $P = \text{N } 8,000$, $R = 12.5\%$ or

$$\frac{25\%}{2}$$

$$\text{Rate [R]} = 1 \frac{1}{2} \text{ of } \text{N } 8,000 \Rightarrow \frac{3}{2} \times \text{N } 8,000 = \text{N } 12,000$$

$$\text{Interest} = \text{Total amount} - \text{principal [P]} \\ \text{N } 12,000 - \text{N } 8,000 = \text{N } 4,000$$

Putting the values, we have

$$4000 = \frac{8000 \times 12.5 \times T}{100}$$

$$\frac{4000 \times 100}{800 \times 12.5} = T \Rightarrow \frac{50}{12.5} = T$$

$$\therefore T = 4 \text{ years}$$

Ans C

46. Since surface Area of a sphere = $4\pi r^2$
 As the surface area increases by 44%
 $\therefore 4\pi r = 4\pi r^2 \Rightarrow 1.44r^2 = R^2$
 By squaring both sides, gives $1.2r = R$
 \therefore percentage increases in diameter = 20%

47. Since C is partly constant & partly varies as N, we have $C = A + KN$;

Putting the values it gives

$$74 = A + 20k \dots\dots [i]$$

$$96 = A + 30k \dots\dots [ii]$$

$$\text{Equ. [ii]} - \text{Eq. [i]: } 22 = 10k \Rightarrow k = 2.2$$

Putting the value k in Eq. [i] gives

$$74 = A + 20k$$

$$74 = A + 20 [2.2]$$

$$74 = A + 44 \Rightarrow \therefore A = 30$$

To find C when $N = 15$ gives

$$C = A + KN; \text{ we have}$$

$$C = 30 + 2.2 [1.5]$$

$$C = 30 + 33 \Rightarrow c = 63.00$$

$$\therefore \text{Cost [c]} = \text{N } 63.00 \Rightarrow \text{Ans} = B$$

48. Total sum of 21 people whose average age is 14 years: $\frac{x}{21} = 14$

$$X = 14 \times 21 \Rightarrow x = 294$$

If the grandfather's age is not counted, no. of people becomes 20

\therefore Total sum of 20 people whose av.

$$\Rightarrow 12 \text{ years} : \frac{y}{20} = 12$$

$$Y = 20 \times 12 \Rightarrow y = 240$$

\therefore The Grandfather's age: $294 - 240$

$$= 54 \text{ years} \Rightarrow \text{Ans} = D$$

49. Area of rectangle - $L \times W$

$$= 7.2 \times 4.2 \Rightarrow 30.24\text{m}^2$$

Since a square has the four sides equal then all the sides of the square = 30cm

converting 30cm to meters gives 0.3m

area of square = $L \times W$

$$= 0.3 \times 0.3 \Rightarrow 0.09\text{mm}^2$$

$$\text{Rectangular floor give } \frac{30.24\text{cm}^2}{0.09\text{cm}^2} = 336$$

\therefore Ans = A

50. Total grams used for the rice cutlets:

$$= 75\text{g} + 40\text{g} + 105\text{g} + 20\text{g}$$

$$= 240\text{g}$$

Since the total sum of angles in a circle = 360°

But meat = 105g

$$\text{Then we have } \frac{105}{240} \times \frac{360}{1}$$

$$= 157.5^\circ$$

Ans = D.



ANSWERS (2010/2011)

1.C	2.B	3.C	4.D	5.C	6.A	7.C	8.B	9.D	10.C	11.C	12.D
13.C	14.D	15.D	16.C	17.B	18.C	19.B	20.C	21.D	22.A	23.B	24.B
25.B	26.C	27.A	28.C	29.B	30.D	31.B	32.C	33.B	34.D	35.A	36.A
37.A	38.C	39.C	40.B	41.C	42.B	43.B	44.B	45.C	46.D	47.B	48.D
49.A	50.D	51.D	52.B	53.A	54.D	55.C	56.B	57.C	58.D	59.C	60.B
61.A	62.B	63.D	64.D	65.D	66.D	67.C	68.C	69.D	70.C	71.C	72.A
73.C	74.C	75.D	76.B	77.B	78.C	79.A	80.C	81.C	82.D	83.C	84.A
85.D	86.C	87.A	88.A	89.B	90.B	91.B	92.A	93.B	94.B	95.B	96.D
97.C	98.B	99. AU WAS FORMED IN 2002(NO ANSWER)					100.C				

NNAMDI AZIKIWE UNIVERSITY, AWKA
POST-UTME SCREENING EXERCISE, 2011/2012

For
ARTS, SOCIAL SCIENCES, MANAGEMENT SCIENCES, LAW, EDUCATION

INSTRUCTION:

1. Shade **FIRMLY** only one answer using HB pencil only.
2. You are allowed to make a second choice of course into the following: Education, Igbo African and Asian studies, Music, Theatre Arts, Federal College of Education (Technical) Umunze, Enugu State College of Education (Technical) and Pope John Paul II Major Seminary Okpuno (Philosophy). (See the back of the OMR sheet for details).
3. Shade your second choice of course in the column provided (Column 8)
Time allowed: 1 hour Date: 5th August, 2011.

Fill in the blank in the following sentences making use of the best of the options.

1. The horse is a winner..... (A) You can take that from me. (B) You can say I say so (C) You can take my word for it (D) it is my word against their (E) you may or may not believe it.
2. By the end of the next Semester, he his University education. (A) Would have completed (B) will be completing (C) shall have completed (D) was completing (E) must complete
3. The green snake which lives in the green grass is using a perfect (A) Ambush (B) under cover (C) Camouflage (D) shelter (E) sabotage.
4. As he was still owing me two Naira, I was careful not to Him any more money (A). Lend (B) loan (C) borrow (D) extend (E) credit.
5. They went to the market and bought a suitcase and bag.(A) a big leather brown (B) a leather brown big (C) a big brown leather (D)a brown big leather (E)a leather big brown.

Choose the word or phrase closest in meaning to the underlined word

6. The Bible's prodigal son became quite wealthy eventually (A) prestigious (B) phlegmatic (C) errant (D) pecuniary (E)extravagant
7. Auto phobia means (A)Fear of Northern lights (B) fear of flutes (C)fear of floods (D) fear of being alone (E) fear of heights.
8. Don't eat just any innocuous looking mushroom you see around.(A) harmful (B)harmless (C)innocent (D)immunized (E)conspicuous.
9. One of the surest ways to ensure good health is to have a wholesome and adequate diet (A)palatable (B)mixed (C)hygienic (D)delicious (E)health-giving.
10. John must be happy today.(A)I am sure John is happy today(B)John is happy today(C) I hope John is happy today(D) It is possible John is happy today(E) John may be happy today

Chose the option opposite in meaning to the word(s) or phrase underlined.

11. He was locked up for a fortnight (A) release (B) punished (C) remanded (D) locked out (E)none of the above.
12. The retired General became a hard-nose officer after fighting the war.(A) tough (B) weak (C) indifferent (D)bed ridden (E) aggressive.
13. Coastal plains are often very densely (A) weakly (B)badly (C)rarely (D) sparsely (E) nicely.
14. We cannot but talk about his invaluable contributions to the affairs of the society. (A)worthless (B) costly (C)unrecognized (D) incalculable E. unquantifiable
15. The Western allies frowned at their enemies' indiscriminate bombing of their territory. (A)impartial (B)selective (C)unprovoked (D) divided (E)random.

Fill each gap with the most appropriate option from the list following the gap.

16. A University teacher is an(A)academic (B)academics (C)academician (D) academia (E)academy].
17. The class (A) Comprised of (B) comprises of (C) comprise(D)comprises(E)comprising of more girls than boys this session.
18. I shall work hard so that I can(A)secure (B)make (C)receive (D)grab (E)command a distinction in English.
19. Student were forbidden (A)from joining (B)in joining (C)to join(D)on joining (E) joining] any secret society.
20. The Emir and conqueror of the enemy territories.....(A)arrives(B)are to arrive (C)arrive (D)are arriving (E)are for arrival] next week.
21. You can stay here.....(A)as long (B)so long (C)in as much (D)for as long (E)in so long as you are quiet.
22. The (A)fragrance (B)scent (C)aroma (D)smell (E)odour of what she was cooking filled the whole compound.
23. Oursbased venture (A)are resource (B)is a resource (C)are resources(D)is resourcing (E) is resources.
24. By January 2013, I(A)would have been(B)would be(C)can be (D)must be (E)am ten years in the service of the University.
25. The incident occurred when the driver of the car.....(A)reversed towards(B)reversed into (C)reversed to (D)reversed back in to (E)reversed back at the lorry

Answer questions 26 to 50 and choose the correct options.

26. Production in economics occurs when (A)a commodity or service is sold (B)utility is created or added (C) a commodity is manufactured (D)raw materials are produced or extracted from mines (E)all o the these.
27. An economic problem arises when (A)manufactured goods are in short supply (B)money is in short supply (C)buyers are many (D)sellers are few (E)scarcity and choice are involved.
28. A commercial bank is able to create money (A)by printing it B)by maintaining reserves (C)by creating a demand deposit as it gives a new loan (D)by issuing cheques to depositors(E)by borrowing from the Central Bank
29. Which of the following is not a component of National income at factor cost? (A)wages earned by doctors (B) Rents paid to landlords (C)Indirect taxes (D)Undistributed company profits (E) Interest on loans
30. Which of the following is not an asset of a commercial bank? (A)Cash (B) Money at call(C) Treasury bill (D) Reserve funds (E) loans and overdrafts
31. Which of the following is not usually the function at a wholesaler? (A) Transport (B) Storage (C) Advertising (D) After-sales service (E) Branding
32. In a normal (typical) demand schedule, the quantity demanded is A. directly related to price (B) inversely related to price (C) independent of price (D) proportionally related to supply (E) solely dependent on haggling skill.
33. Invisible trade refers to trade in (A) service (B) goods and services (C) triangle goods (D)short-term and long-term capital (E) goods that cannot be seen
34. Inflation is likely to benefit (A) persons with bank savings (B) persons employed in financial houses (C) debtors (D) persons who live on fixed pension funds (E) creditors.
35. Surplus in balance of payments leads to A.inflation or increasing prices generally (B) increase in foreign reserves (C) decrease in foreign reserves (D) Government budget surplus (E) None of the above
36. Who controls a limited company? (A) The general manager (B) The managing director (C)The owner of 51% of the shares (D) The board of directors (E) The government

37. The purpose of import duties does NOT include the (A) generation of revenue for government (B) protection of domestic industries (C) promotion of international trade (D) conservation of foreign exchange earnings (E) control of consumption pattern.
38. Disequilibrium in the balance of payment means (A) Imports of the Country exceeding its export (B) Overall deficit or surplus in the current account and capital account of the balance of payment (C) capital flowing out of the country exceeds the capital flowing into the country (D) deficit in the trade balance (E) export earnings exceed cost of imports
39. Differentiated product is the characteristic feature of (A) perfect competition (B) pure competition (C) monopolistic competition (D) monopoly (E) None of the above
40. The most important attribute of money is (A) Homogeneity (B) Relative scarcity (C) Divisibility (D) General acceptability (E) None of the above
41. Nigeria became a Republic in (A) 1960 (B) 1961 (C) 1962 (D) 1963 (E) 1964 (E) 1965
42. Nigeria's first Senate President was (A) Dr. Nnamdi Azikiwe (B) Akwueke Nwafor-Orizu (C) Senator Pius Anyim (D) Chuba Okadigbo (E) Sir Ahmadu Bello
43. The first Pan-African conference took place in (A) 1920 (B) 1985 (C) 1958 (D) 1960 (E) 1963
44. Ghana was led into independence by (A) Dr. J. B. Danquah (B) Dr. Kwame Nkrumah (C) Dr. K.A. Busia (D) Mr. Akuffo Addo. (E) Mr. Kobo Edusei.
45. Nnamdi Azikiwe University is (A) a private University. (B) a faith-based University (C) a State University (D) a community University (E) a Federal University.
46. The 2011 women soccer world-cup took place in (A) Norway (B) France (C) Germany (D) China (E) Brazil
47. One of the following was the Prime Minister of the Federal Republic of Nigeria (A) Dr. Nnamdi Azikiwe (B) Sir Ahmadu Bello (C) Chief Obafemi Awolowo (D) Alhaji Tafawa Balewa (E) Dr. Akanu Ibiam
48. The next Olympic games will take place in (A) 2011 in Greece (B) 2012 in Lisbon (C) 2012 in London (D) 2013 in Spain (E) 2013 in Berlin.
49. One of the following was the first female Speaker of the House of Representatives. (A) Uche Ekwunife (B) Abike Debiri (C) Patricia Ette (D) Margaret Ekpo (E) Fumilayo Kuti.
50. One of the following was the President of Nigeria between 1979-1983 (A) Chief Olusegun Obasanjo (B) Alhaji Shehu Shagari (C) Gen Sani Abacha (D) Gen Ibrahim Babangida (E) Gen Yakubu Gowon.

**ANSWERS ON 2011/2012 POST-UTME QUESTIONS
FOR ARTS, SOCIAL SCIENCES, MANAGEMENT SCIENCES, LAW, EDUCATION**

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. E | 11. A | 21. A | 31. D | 41. C |
| 2. A | 12. B | 22. C | 32. B | 42. B |
| 3. C | 13. D | 23. B | 33. A | 43. B |
| 4. A | 14. A | 24. B | 34. C | 44. B |
| 5. C | 15. B | 25. B | 35. A | 45. E |
| 6. E | 16. D | 26. E | 36. D | 46. C |
| 7. D | 17. B | 27. E | 37. C | 47. D |
| 8. B | 18. A | 28. C | 38. B | 48. C |
| 9. E | 19. A | 29. C | 39. D | 49. C |
| 10. A | 20. A | 30. B | 40. E | 50. B |

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