



**UNIVERSITY OF CALABAR**

**UNICAL**

**Social Sciences**

**Post UTME**

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# **UNIVERSITY OF CALABAR, PAST POST-UTME**

## **SCREENING QUESTIONS SOCIAL & MANAGEMENT SCIENCE FACULTIES**

**ENGLISH LANGUAGE**

**Choose the expression or word which BEST COMPLETES each sentence**

- I am intent \_\_\_\_\_ continuing my course  
A. on      B. with      C. as      D. to      E. at
- \_\_\_\_\_ equations use letters to stand for numbers  
A. Silmultenous      B. Simultaneous  
C. Simultaneous      D. Simultaneous

**From the options A to D, choose the expression that is OPPOSITE IN MEANING to the underlined word(s).**

- Elemi's **sagacity** contrasted sharply with his friend's  
A. Timidity      B. Wisdom      C. Fluency      D. Foolishness
- Some people keep **ferocious** animals as pets.  
A. Gentle      B. Wild      C. Fierce      D. Domestic

**From the options listed A – D select the word that best CAPTURES THE MEANING of the italicized part of the sentences**

- Every visitor to Calabar must visit *where photographs and artifacts of early European colonial presence in Nigeria are kept*  
A. Archives      B. Ranch      C. Market      D. museum

**From the options A to D, choose the expression that is NEAREST IN MEANING to the underlined word**

- Ebire's generosity turned out to be her **Achilles' heel**  
A. Strong point      B. Favourite habit      C. Weak point      D. Less popular virtue

**Choose the expression or word which BEST COMPLETES each sentence**

- The giant hydro-electric project is among the \_\_\_\_\_ of colonial rule in Southern Africa  
A. Inheritance      B. Remnants      C. Legacies      D. Evidence
- Ukpabio is proficient \_\_\_\_\_ tailoring  
A. With      B. In      C. Of      D. At

**Choose the word or phrase that is OPPOSITE IN MEANING to the underlined**

- The demonstration was organized by hoodlums  
A. Criminals      B. Activists      C. Thugs      D. Soldiers
- The plaintiff convinced the court that the murder was inadvertent  
A. Brutal      B. Wicked      C. Careless      D. Premeditated
- The bush burning festival will further renew our forest resource  
A. Increase      B. Reduce      C. Deplete      D. Remove

**Choose from the options lettered A – E the one that has the correct stress with the word given. In each word only the stressed part is in CAPITAL**

- Planetarium  
A. PLAN-e-tar-i-um      B. plan-E-tar-i-um      C. plan-e-TAR-i-um      D. .plan-e-tar-l-um

**Choose from the options the word which has THE SAME SOUND as the underlined**

- COURTESY      A. our      B. Court      C. Shirt      D. Tour

**From the options listed A – D select the word that best CAPTURES THE MEANING of the italicized part of the sentences.**

- Lecturers assisted Prof. Atahiru Jega when *Nigerians chose their political leaders*  
A. election      B. nomination      C. appointment      D. selection
- Mother always *pays attention to details*  
A. frivolous      B. interesting      C. rigid      D. meticulous

**Choose the option that BEST EXPLAINS the information conveyed in the sentences below**

- The rampage in England shows that youths react the same way under provocation  
A. youths in England are very good      B. youths in England are miscreants  
C. youths act the same way when provoked      D. youths provoke people in England

**From the options choose the appropriate STRESS pattern. The stressed syllables are written in CAPITAL letters.**

- Intimacy  
A. INTimacy      B. inTImacy      C. intiMACy      D. INTImacy

18. consideration

- A. CONsideration B. consideration C. consiDERation D. considerAtion

From the words lettered A – D choose the word that rhymes with the given word

19. purity

- A. plentiful B. security C. purify D. nonentity

From the words lettered A – D choose the word that rhymes with the given word

20. beautiful

- A. beautify B. beautification C. dutiful D. dignify

Choose from the options lettered A – E the one that has the correct stress with the word given. In each word only the stressed part is in CAPITAL

21. constitutional

- A.con-sti-tu-tion-AL B.con-sti-TU-tion-al C.CON-sti-tu-tion-al D.con-STI-tu-tion-al

22. abnormality

- A.AB-nor-ma-li-ty B.ab-nor-ma-li-TY C.ab-nor-ma-LI-ty D.ab-nor-MA-li-ty

From the options A to D, choose the expression that is NEAREST IN MEANING to the underlined word

23. The use of Latin expressions in English is now dated

- A. well-established B. historical C. old-fashioned D. popular

24. His uncle showed affected interest in his welfare.

- A. pretended B. loving C. genuine D. deep

From the options choose the expression that BEST COMPLETES each sentence

25. I am qualified for the job; ----?

- A. haven't I B. Isn't it C. aren't I D. ain't I

26. My sister along with her colleagues-----the museum today.

- A. are visiting B. have visited C. were visiting D. is visiting

Choose the word that has the SAME SOUND as the one represented by the underlined letter

27. mansion

- A.cheap B.leisure C.peace D.action

28. time

- A.print B.might C.flip D.illegal

From the options choose the expression that BEST COMPLETES each sentence.

29. Every student \_\_\_\_\_ before the principal entered the hall

- A. has arrived B. have arrived C. had arrived D. arrived

30. The workers presented \_\_\_\_\_ to the National Assembly

- A. five pages document B. five-paged document  
C. a five - paged document D. a five - page document

From the options A to D, choose the expression that is NEAREST IN MEANING to the underlined word(s).

31. A dogged student is likely to succeed

- A. Studious B. Clever C. Curious D.Determined

Choose the option that best explains the information conveyed in the sentence below

32. When I visited Okon I only gave him a congratulatory card

- A.the only person I visited was Okon and nobody else  
B. it was only Okon that I gave a congratulatory card  
C.Okon only wanted a congratulatory card  
D.All that I gave Okon when I visited him was a congratulatory card

From the options choose the expression that BEST COMPLETES each sentence

33. The police -----up a list of suspects in the recent bombings.

- A.Has drawned B. Has drawn C. have drawned D. Have drawn

Choose the word that has the same sound as the one represented by the underlined letter

34. book

- A.lamb B.flock C.slump D.club

35. key

- Akite B.quay C.kindred D.quarter

Choose the expression or word which best completes each sentence

36. Since Atim hasn't come till now I am in doubt what to do  
 A. to B. with C. about D. of
37. The method does not give the expected results  
 A. you recommended B. you visited C. you told me D. you sent me
- From the options listed A – E select the word that best captures the meaning of the italicized part of the sentences**
38. Wolves are *meat eaters*  
 A. herbivores B. carnivores C. animals D. omnivores
39. Miss Suzuki has *published the life stories of three movies stars*  
 A. historian B. autobiographer C. writer D. biographer
40. Most of the birds my grandfather described are *no longer available* in our village forest  
 A. travelled B. migrated C. hibernated D. extinct

Select the word that best captures the meaning of the italicised part of the sentence.

41. The principles of American government are *the direct opposite* of communist doctrine  
 A. apex B. antithesis C. anathema D. ambivalence
42. Superstition has it that certain foods and drinks are *able to increase sexual desire or potency*  
 A. Apocryphal B. Amorous C. Amorphous D. Aphrodisiac
43. Collins had little understanding of the game, and most of his moves were *random, based on caprice rather than reasoning*  
 A. Assiduous B. Astute C. Arbitrary D. Acute
44. Eddy vowed to live a long and happy life, *shun* temptation and *avoid* extremes  
 A. Deny B. Devolve C. Eschew D. Emulate

Choose the expression or word which best completes each sentence.

45. By the end of this year in this town for eleven years  
 A. I'm living B. I'd be living C. I have lived D. I'll have lived

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

46. He was reported the policeman  
 A. to be assaulting B. to assault  
 C. assaulting D. to have assaulted
47. He devoted himself homeless children  
 A. to helping B. to help C. with helping D. helping
48. My younger brother looked ill last night and evidently this morning.  
 A. Worse B. Worst C. More ill D. leaner

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

49. For us to succeed in this task all hands must be on deck. This means that everybody  
 A. should push with his hands B. will have to place his hands on the deck  
 C. must cooperate D. should take a test to qualify
50. Kate was at home with all the questions asked by the examiner. This means that Kate was:  
 A. Familiar with the questions B. Went home with the questions  
 C. Prepared to go home with the questions D. Conceited about the questions
51. Mike flies off the handle each time there is an argument. This means:  
 A. Mike holds the door handle when he argues B. Mike allows the handle to fly  
 C. Mike easily loses his temper D. Mike can cope with any argument

Complete the following sentences with the right option from the words supplied after each sentence.

52. When the fire broke out in the hostel, students in rushed out in all directions.  
 A. Crisis B. Panic C. Haste D. Hurry
53. Astronomers keep a close watch of the night sky in order not to miss the appearance of some stars  
 A. Parallel B. Periodic C. Regular D. Constant

Choose the word or phrase from options A-D which has the nearest meaning to the underlined word or words in each sentence.

54. My mother has refused to come to live in Lagos because she prefers the tranquil life in the village to the hurly burly of the city.  
**A. Sweet**                      **B. Prosperous**                      **C. Peaceful**                      **D. Decent**
55. A lorry larger than an elephant was struck on the bridge  
**A. As large as an elephant**                      **B. Carrying an elephant.**  
**C. That looked like an elephant**                      **D. Of enormous proportions.**

Choose the option that best completes the sentence.

56. The dentist found that his patient's teeth  
**A. Have long decayed**                      **B. Have long been decayed**  
**C. Have long being decayed**                      **D. Had long decayed**
57. In order to carry out the necessary examination, the dead body was  
**A. Extracted**                      **B. Exhumed**                      **C. Extradited**                      **D. Expelled**
58. He went abroad with a view\_ a business partner  
**A. To fund**                      **B. To funding**                      **C. To be funding**                      **D. To have funded**

In question 59, which of the options express the same idea as the one in quote?

59. „To put something aside“ is to  
**A. Put it one's side.**                      **B. Put it in a side pocket for future use.**  
**C. Keep something for some special purpose.**                      **D. Keep in safety.**

Select the option that best explains the sentence:

60. The painting was beautifully faked  
**A. The painting was a good deceptive replica**                      **B. The painting was well framed and displayed**  
**C. The painting was deceptively decorated**                      **D. The painting was carefully hung**

From the alternatives provided select the one which best completes the sentence

61. If only I \_\_\_\_\_ insured? But I wasn't. But I have to pay a lot of money  
**A. am**                      **B. have been**                      **C. had been**                      **D. was to be**
62. Since the petition writer did not include his name, the vice chancellor refused to act on such\_ letter  
**A. a spontaneous**                      **B. an anonymous**                      **C. a scandalous**                      **D. a cowardly**
63. The first graduation ceremony of the university was attended by men from all \_\_\_\_\_ of life  
**A. works**                      **B. areas**                      **C. walks**                      **D. walk**

Choose the word or phrase from options A – D which has the nearest meaning to the underlined word or words in each sentence

64. He should be able to do it alone  
**A. he would be able to do it alone**                      **B. he ought to be able to do it alone**  
**C. he has to be able to do it alone**                      **D. he will do it alone**
65. The old man was said to have died intestate  
**A. without an estate**                      **B. in his estate**  
**C. without a will**                      **D. in good state**

From the alternatives provided select the one which best completes the sentence

66. If only I \_\_\_\_\_ insured? But I wasn't. But I have to pay a lot of money  
**A. am**                      **B. have been**                      **C. had been**                      **D. was to be**
67. Since the petition writer did not include his name, the vice chancellor refused to act on such\_ letter  
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**A. works**                      **B. areas**                      **C. walks**                      **D. walk**

Choose the word or phrase from options A – D which has the nearest meaning to the underlined word or words in each sentence

69. He should be able to do it alone

- A. he would be able to do it alone                      B. he ought to be able to do it alone  
C. he has to be able to do it alone                      D. he will do it alone

70. The old man was said to have died intestate

- A. without an estate                      B. in his estate                      C. without a will                      D. in good state

In each of the following questions, the word in capital letter has the emphatic stress. Choose the option that best fits the expression in the sentence.

71. The man BOUGHT the newspaper

- A. Is this the newspaper which the man bought?                      B. Did the man read the newspaper?  
C. Who bought the newspaper?                      D. What did the man buy?

72. The chief RAN to the place

- A. Where did the chief run to?                      B. Did the chief walk to the place?  
C. Did the princess run to the place                      D. Who ran to the place?

From the options lettered A – D choose the word opposite in meaning to the underlined words in the following sentences

73. Eberé's                      contrasts with his brother's indolence

- A. indulgence                      B. laziness                      C. labour                      D. diligence

74. The discussion ended on an amicable note even though there was grave

- A. hostility                      B. incompatibility                      C. irresponsibility                      D. camaraderie

Select the word that best captures the meaning of the italicized part of the sentence

75. Some politicians in the area were said to be engaged in *double dealing*

- A. eschewing                      B. effeteness                      C. duplicity                      D. dubiousness

**ECONOMICS**

1. Land is a most significant factor in terms of contribution to the economy because
  - A. it enables us to build industries
  - B. we build houses on it
  - C. all our highways are constructed on it
  - D. vital resources from it enrich the economy.
2. All of the following are assets of a commercial bank except
  - A. cash
  - B. bills discounted
  - C. bank deposits
  - D. advances to customers
3. The Quantity Theory of Money states that an increase in the quantity of money would bring about
  - A. a geometrical rise in prices
  - B. an unequal rise in prices
  - C. a proportionate rise in prices
  - D. an absolute rise in prices
4. Under the socialist economy, the decision on what to produce is determined by the
  - A. producers
  - B. level of expected profit
  - C. price
  - D. government
5. Terms of trade simply means the price
  - A. ratio of import to export
  - B. ratio of export multiplied by import
  - C. ratio of export to import
  - D. ratio of export multiplied by price ratio of import
6. In perfect competition, the marginal cost curve intersects the average cost curve
  - A. from below at its lowest point
  - B. from above at its lowest point
  - C. from below before the lowest point
  - D. at the zero point
7. International trade takes place because of differences in
  - A. production cost
  - B. language
  - C. government
  - D. currency
8. One major aim of a cartel is
  - A. Increase production
  - B. Regulate output through quota system
  - C. Have a joint account
  - D. Share profits equally
9. Which of the following does not hinder the efficient distribution of goods in West Africa?
  - A. Inadequate transportation network
  - B. Inadequate storage facilities for agricultural goods
  - C. Inadequate credit facilities for potential distributors
  - D. government participation in the distributive trade
10. Which of the following is not a negative effect of inflation?
  - A. lenders earn less
  - B. pensioners and salary earners on fixed incomes suffer
  - C. exports tend to decline
  - D. savings are discouraged
11. 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
12. Which of the following is not an advantage of price control?
  - A. control of inflation
  - B. distortion of price mechanism
  - C. prevention of exploitation
  - D. control of producer's profit
13. Cement industry is located in Cross River because the state
  - A. imports raw materials.
  - B. has large deposit of limestone.
  - C. the soil is unsuitable for other products
  - D. land is suitable for cement production.
14. Which of the following is not a type of mobility of labour
  - A. Occupational mobility of labour
  - B. Industrial mobility of labour
  - C. Geographical mobility of labour
  - D. Crisis mobility of labour
15. A common natural response of people to the problem of uneven distribution of resources in a place is
  - A. hoarding
  - B. shifting cultivation
  - C. family planning
  - D. migration
16. Subsistence agriculture means
  - A. cultivation for external use
  - B. cultivation for local industries
  - C. farming for the urban dwellers
  - D. cultivation for household consumption



17. The natural growth rate of a population is the
  - A. death rate plus net immigration
  - B. rate of migration divided by birth rate
  - C. birth rate minus death rate
  - D. sum of birth rate and net immigration rate
18. Who bears the greater burden of the indirect tax when the demand for a commodity is inelastic? The
  - A. wholesaler
  - B. shareholder
  - C. retailer
  - D. consumer
19. Which of these is NOT a feature of under development?
  - A. low per capita income.
  - B. vicious circle of poverty.
  - C. low level of industrialization
  - D. high per capita income.
20. The economic system which relies mainly on the price mechanism for the allocation of scarce resources is known as
  - A. Capitalist economic system
  - B. Command economic system
  - C. Combined economic system
  - D. Traditional economic system
21. The theory of consumer behaviour is based on all the following assumptions except that the
  - A. consumer is assumed irrational
  - B. consumer taste remains constant
  - C. consumer has budget constraint
  - D. consumer aims at maximizing his utility
22. During the consolidation exercise most banks in Nigeria got the required capital through
  - A. mergers only
  - B. mergers and acquisition
  - C. acquisition only.
  - D. getting money from people
23. Economics can best be defined as the study of
  - A. how to spend the family income efficiently
  - B. how to find minimum cost of production
  - C. the interpretation of scarce resources and date
  - D. how scarce resources can be used efficiently
24. Which of the following is specialized in lending money for the purpose of developing real estate?
  - A. Commercial banks
  - B. Central bank
  - C. Mortgage banks
  - D. Merchant banks.
25. Factors of production can be described as the
  - A. resources required for the provision of goods and services
  - B. skills involved in deciding and directing the flow of goods
  - C. monetary tools employed by government to ensure stable production
  - D. elements involved in the process of formulating policies on production
26. The systemic record of the various levels and types of economic activities is called.
  - A. Gross national product
  - B. National income accounting
  - C. The budget
  - D. Census.
27. When the rate of inflation increases
  - A. Savings will increase
  - B. Income will increase
  - C. Savings will decrease
  - D. Prices will decrease
28. The tax imposed on goods manufactured within a country is called
  - A. Value added tax
  - B. Capital gains tax
  - C. Excise tax
  - D. Profit tax
29. One of the criticisms against delegated legislation is that it
  - A. gives too much power to all organs of government
  - B. enhances separation of powers
  - C. encroaches on parliamentary power
  - D. is not practised in advanced countries
30. Devaluation of the country's currency is as a result of
  - A. Forces of demand and supply
  - B. Official policies of local economy
  - C. The economic meltdown
  - D. Foreign policies
31. The economic system which relies mainly on the price mechanism for the allocation of scarce resources is known as
  - A. Capitalist economic system
  - B. Command economic system
  - C. Combined economic system
  - D. Traditional economic system
32. A shift in supply is caused by the following factors except
  - A. The price of the goods
  - B. The cost of resources
  - C. The number of buyers
  - D. The technique of production
33. When firms are privatized
  - A. They are transferred to individuals
  - B. They are made more profitable.

- C. They are owned by the government but managed by individuals  
 D. Their products are sold to the public.
34. Any type of restricted franchise is a violation of the principle of  
 A. constitutionalism      B. sovereignty      C. political equality      D. popular election
35. When the demand for a commodity is inelastic, who bears the greater burden of the indirect tax?  
 A. The producer      B. The government      C. The retailer      D. The consumer
36. The indicator of the value of money in the market is  
 A. the general price level      B. effective supply  
 C. the equilibrium price      D. effective demand
37. Which of the following is not characteristic of a perfect competition?  
 A. Many sellers and buyers are in the market  
 B. there is perfect knowledge of the market situation  
 C. supply and demand are equal  
 D. there is no discrimination
38. The price of a commodity is determined by the  
 A. supplier      B. consumer  
 C. quantity of goods demanded      D. interaction of demand and supply
39. 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
40. As interest rate increases  
 A. investment declines      B. it is not certain what happens to investment  
 C. investment increases      D. investment remains constant
41. Economic planning in Nigeria faces all these problems except:  
 A. Shortage of land      B. Shortage of capital  
 C. Lack of skilled manpower      D. Political instability
42. The natural growth rate of population is the  
 A. sum of the birth rate and the death rate      B. sum of the birth rate and the net migration rate  
 C. birth rate minus the death rate      D. death rate minus the net migration
43. Which of the following is not correct?  
 A. Population refers to the number of people living in a place  
 B. The population of a place is not static  
 C. Population is known through a census  
 D. Population is affected by the amount of money in circulation
44. Which of the following is not characteristic of a perfect competition?  
 A. Many sellers and buyers are in the market  
 B. there is perfect knowledge of the market situation  
 C. supply and demand are equal  
 D. there is no discrimination
45. If the price elasticity of demand for a good is greater than one, then its demand will be  
 A. Inelastic      B. infinitely elastic      C. infinitely inelastic      D. relatively elastic
46. 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 or services  
 C. What techniques of production to be adopted      D. Equal distribution of the goods and services
47. Which of the following are not agents of distribution?  
 A. Wholesalers      B. Retailers  
 C. Consumers      D. Government agencies
48. Which of the following is not an advantage of division of labour? It  
 A. saves time      B. makes possible the use of machines  
 C. is monotonous      D. leads to specialization
49. An inflation in which the price level rises steadily at an average rate of about 2% per annum is best described as  
 A. galloping      B. induced  
 C. creeping      D. suppressed
50. The greatest disadvantage of the barter system is the need for  
 A. durability      B. divisibility      C. homogeneity      D. double coincidence of wants



**GOVERNMENT**

1. Who propounded the theory of the rule of law?  
**A.** A.V. Dicey      **B.** Karl Max      **C.** Baron de Montesquieu      **D.** Abraham Lincoln
2. The constitution that introduced federalism to Nigeria was  
**A.** The McPherson Constitution      **B.** The Clifford Constitution  
**C.** The Lyttleton Constitution      **D.** The Richards Constitution
3. Which of the following is not a pressure group      **A.** P.D.P      **B.** A.S.U.U      **C.** N.A.S.U  
**D.** N.L.C
4. Which of these is an organ of The United Nations organization?  
**A.** The council of ministers      **B.** The senate of the U.N  
**C.** House of Lords      **D.** The general assembly
5. A body charged with the responsibility of employing, promoting dismissing and disciplining of civil servants is  
**A.** The Nigerian police      **B.** The Senate  
**C.** The Judiciary      **D.** The public service
6. The rule of law entails  
**A.** there is no man without law      **B.** the law is everywhere  
**C.** impartiality before the law      **D.** the law exist before man
7. A type of election in which an important political matter or a proposed law is referred to the electorate for final approval is  
**A.** Primary elections      **B.** Run-off election      **C.** General election      **D.** Referendum
8. Laws made by the Federal Government are called  
**A.** Executive laws      **B.** Central laws      **C.** Bye-laws      **D.** Concurrent laws
9. The name, Nigeria, was suggested by  
**A.** Sir Frederick Lugard      **B.** Nnamdi Azikiwe      **C.** Flora Shaw      **D.** Bishop Ajayi Crowther
10. In 1919, Lord Lugard was replaced with \_\_\_\_\_ as the Governor of Nigeria  
**A.** Sir Arthur Richards      **B.** Lord Milverton Thatcher      **C.** Sir John Macpherson  
**D.** Sir Hugh Clifford
11. The ability of a state to make laws which are free from internal aggression and external control is known as  
**A.** independence      **B.** power      **C.** authority      **D.** sovereignty
12. Organization of petroleum exporting countries (OPEC) was founded in  
**A.** 1955      **B.** 1960      **C.** 1979      **D.** 1977
13. The admistrator of the capital in pre-colonial Hausa/Fulani was  
**A.** Maagi      **B.** Galadima      **C.** Madawaki      **D.** Sarkin Yan Doka
14. Which is the highest office in the structure of organization of the civil service?  
**A.** The executive class      **B.** The professional or specialist class      **C.** The Administrative class  
**D.** The Technical class
15. The ombudsman originated in which of the following countries  
**A.** The U.S.A      **B.** Sweden      **C.** Britain      **D.** Greece
16. The theory of separation of powers was for the first time clearly formulated by  
**A.** Baron de Montesquieu      **B.** Albert Dicey      **C.** Lord Bryce      **D.** Jean Bodin
17. One major disadvantages of a two-party is that is  
**A.** does not allow citizens to participate in politics      **B.** divides the country into factions  
**C.** creates two countries      **D.** stifles public opinion
18. The Aba riots of 1929 was a direct consequence of the  
**A.** attempt to introduce taxation      **B.** introduction of Western education  
**C.** Yoruba political organization      **D.** pre-colonial Bini System
19. Fascism emphasizes  
**A.** equality      **B.** individualism  
**C.** nationalism      **D.** totalitarianism
20. When a high court declares an action of the executive ultra-vires, it means that  
**A.** the executive has to reconsider the action  
**B.** such an action should never be brought up again

- C. only the legislature can deal with such an action  
D. the action is illegal and of no effect
21. The two parties which formed the coalition government in 1959 were the  
A. NPC and the NCNC  
B. NCNC and AG  
C. NPC and the NNA  
D. PRP and UPGA
22. Dis-enfranchisement refers to the  
A. qualification of voters in an election  
B. disqualification of fraudulent presidential aspirants  
C. denial of the right to vote in an election  
D. right to vote in all elections
23. The objective of the 1841 Niger expedition included the following except  
A. The abolition of the slave trade  
B. Establishment of legitimate commerce  
C. Establishment of friendly relationship with Africans  
D. Acquire greater knowledge of the interior of Africa.
24. The system of indirect rule failed in the former Eastern Nigeria primarily because  
A. of the fragmented political structures  
B. the chiefs refused to co-operate with the colonial officials  
C. of high taxation  
D. of forced labour
25. The headquarters of OAU is in  
A. Togo  
B. Senegal  
C. Addis Ababa  
D. Nigeria
26. The emergency powers conferred on the Federal Government under the independence constitution was first exercised in the  
A. Western region  
B. Mid-Western region  
C. Eastern Region  
D. Northern region  
E. Federal Territory Lagos
27. The international organization formed after the Second World War to guarantee international peace and security is called  
A. The European Common Market  
B. The British Common Wealth of Nations  
C. The League of Nations  
D. The United Nations Organization
28. Nigeria changed to the right hand driving in  
A. 1970  
B. 1973  
C. 1975  
D. 1977
29. Mary Slessor was popular for her  
A. Involvement in the abolition of slave trade  
B. Intervention in the killing of twins  
C. Cordial relationship with the Efik people  
D. Soliciting for peace among the indigenes.
30. The following are key factors which influence Nigeria's foreign relations except  
A. peaceful co-existence  
B. economic dependence  
C. non-interference  
D. respect for territorial integrity
31. The second military coup d'etat in Nigeria took place on  
A. July 29, 1966  
B. July 29, 1975  
C. February 13, 1976  
D. October 1, 1966
32. The mechanism used to limit a parliamentary debate is known as  
A. guillotine  
B. prerogative  
C. abrogation  
D. adjournment
33. Some pre-colonial West African governments were democratic because of the existence of  
A. powerful traditional rulers  
B. age grade  
C. religious institutions  
D. checks and balances
34. The head of the executive branch in a parliamentary system is called  
A. Senate President  
B. Prime Minister  
C. President  
D. Governor-General
35. Under what constitution did the Supreme Court become the highest Court of Appeal in Nigeria?  
A. Lyttleton Constitution  
B. Republican constitution  
C. McPherson constitution  
D. Independence constitution
36. The Economic Community of West African States (ECOWAS) is  
A. An economic association  
B. A political association  
C. Cultural association  
D. A social association
37. Government as an act of governing means  
A. Activities of pressure groups and political parties  
B. Act of vetoing a bill  
C. Orders of judiciary and legislature  
D. Activities by which government policies are made and implemented

38. The major advantage of the secret ballot is that  
**A.** it is faster than other systems **B.** nobody can be prevented from voting  
**C.** it ensures the anonymity of each voter **D.** it extends franchise to all adults
39. The process of depriving persons of the right of voting is known as  
**A.** Disenfranchisement **B.** Disqualification  
**C.** Prohibition **D.** Dismissal
40. The question of civil war was raised for the first time at the meeting of the OAU in September 1967 in  
**A.** Kampala **B.** Addis Ababa  
**C.** Nairobi **D.** Kinshasa
41. Military governors were members of the supreme military council under  
**A.** Murtala Mohammed regime **B.** Yakubu Gowon  
**C.** Ibrahim Babangida regime **D.** Muammaru Buhari regime
42. Residual powers under the Nigerian independence constitution were the powers exercised by  
**A.** the Federal government **B.** the Regional government  
**C.** the Local government **D.** both the Federal and Regional governments
43. It is the duty of a government to perform all the following functions except  
**A.** Providing all the needs of its citizens **B.** Preventing internal disorder  
**C.** Providing basic welfare services **D.** Promoting industrial and commercial development
44. The following factors favoured the introduction of indirect rule in Nigeria except the  
**A.** shortage of manpower **B.** shortage of funds  
**C.** existence of education elites **D.** existence of a system of taxation
45. It is argued that most of the new states of Africa cannot remain faithful to the doctrines of non-alignment mainly because of  
**A.** corruption **B.** ethnic problems **C.** bad leadership **D.** poor economy
46. The delegation of Administrative Powers to the local units with the central supervision and control is called  
**A.** devolution **B.** decentralization **C.** deconcentration  
**D.** centralization **E.** concentration
47. Which of the following is not an accepted way of resolving international conflict  
**A.** Diplomacy **B.** Propaganda **C.** Non-military use of force  
**D.** Military Force (war) **E.** Nuclear War
48. A unified- local government system was adopted in Nigeria under the  
**A.** Tafawa Balewa administration **B.** Yakubu Gowon administration  
**C.** Shehu Shagari administration **D.** Murutala/Obasanjo administration  
**E.** Mohammadu Buhari administration
49. One of the criticisms against delegated legislation is that it  
**A.** gives too much power to all organs of government **B.** enhances separation of powers  
**C.** encroaches on parliamentary power **D.** is not practised in advanced countries
50. Which of the following is not an objective in foreign policy?  
**A.** prestige **B.** large population **C.** territorial integrity **D.** survival
51. Voting started in Nigeria in 1923 because the Clifford constitution of 1922 granted  
**A.** decolonization **B.** parliamentary government  
**C.** an elective principle **D.** Self government
52. Which of the following is not a component of political culture  
**A.** Attitudes **B.** Beliefs **C.** Emotions **D.** Age
53. With which country did Nigeria break diplomatic relations in 1963 for exploding a nuclear device in the Sahara?  
**A.** The USA **B.** China **C.** Soviet Union **D.** France
54. Which of the following did not formally recognize "Biafra" as an independent state?  
**A.** Zambia **B.** Tanzania **C.** Gabon **D.** Ivory Coast
55. The Armed forces Ruling Council came into existence under the  
**A.** Buhari Administration **B.** Babangida Administration  
**C.** Gowon Administration **D.** Obasanjo Administration
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**GEOGRAPHY**

1. Groundnut pyramid is associated with the region around  
**A. Damaturu      B. Maiduguri      C. Sokoto      D. Kano**
2. An irrigation system which involves major engineering works and dams to supply water to farms throughout the year is known as  
**A. animal irrigation      B. perennial irrigation  
 C. well irrigation      D. tank irrigation**
3. Which of these features is not produced by the action of rain?  
**A. gullies      B. ravine      C. earth pillars      D. soil creep**
4. The hydrological cycle explains  
**A. how man uses water      B. what happens to rain water  
 C. that some rain water percolates      D. that some rain water runs off the surface**
5. Which of the following is not associated with the process of chemical weathering:  
**A. oxidation      B. hydration      C. solution      D. percolation**
6. Check the correct answer in the following:  
 The capital of Jigawa state in Nigeria is  
**A. Jigawa      B. Lokoja      C. Dutse      D. Jalingo**
7. Which of the following mineral oil products is not used for power consumption?  
**A. bitumen      B. natural gas      C. gasoline      D. kerosene**
8. Check the wrong statement in the following:  
 The rotation of the earth on its axis results in:  
**A. Day and night      B. Time difference of 4 minutes for one degree of longitude  
 C. Storms      D. deflection of the planetary wind system**
9. Which of the following instruments is not found in a weather station?  
**A. thermometer      B. anemometer      C. barometer      D. scanner**
10. Which of the following countries is not a major producer of cocoa?  
**A. Ghana      B. Nigeria      C. Ivory Coast      D. Angola**
11. Which of these is not true?  
 Evidences that the earth is spherical are:  
**A. different places on the earth's surface see the sun at different times  
 B. it is possible to circumnavigate the earth  
 C. the shadow cast on the moon by the earth during an eclipse is round  
 D. the earth is a globe**
12. Which of the following is not a measure of environmental control?  
**A. preservation      B. Stabilization  
 C. Degradation      D. A forestation**
13. Water pollution is caused by all the following except  
**A. increased silt load      B. sand filling  
 C. sewage disposal      D. industrial effluent**
14. Which of the following environmental hazards has been paired with the wrong factor?  
**A. coastal erosion and wave action      B. drought and climate  
 C. floods and human factor only      D. deforestation and human factor only**
15. The active human population is determined by it's  
**A. racial combination      B. male-female ratio  
 C. age distribution      D. height difference**
16. The predominant system of agriculture among rural farmers in Nigeria is  
**A. terrace farming      B. irrigation farming  
 C. plantation agriculture      D. bush following**
17. Glaciations produces      **A. hanging valleys      B. zeugens      C. yardange      D. blow holes**
18. The most suitable statistical diagram to show spatial distribution of population is  
**A. Dot map      B. Pie Chart      C. Divided circle      D. Line graph**
19. Which savanna vegetation is characterized by grasses of about one metre high and scattered trees with flattish canopy?  
**A. guinea      B. sudan  
 C. sahel      D. derived**



20. Another name for wet and dry bulb thermometer is the  
**A.** Hydrometer **B.** Anemometer  
**C.** Anemometer **D.** Hygrometer
21. Which of the following is a major environmental problem in heavily industrialized regions?  
**A.** water pollution **B.** accelerated erosion  
**C.** frost damage **D.** acid rain
22. The time difference between a place on longitude 35°W and another longitude 25°E is  
**A.** 2 hours **B.** 3 hours  
**C.** 5 hours **D.** 4 hours
23. The olive tree is probably the most typical of all cultivated vegetation in  
**A.** Tropical desert **B.** Sudan climate  
**C.** Mediterranean climate **D.** Tropical monsoon climate
24. Stars occur in clusters known as  
**A.** satellites **B.** nebulas **C.** meteorites **D.** asteroids
25. High temperatures and heavy rainfall throughout the year describe the climate of  
**A.** Uganda, Ethiopia and Tanzania **B.** Ghana, Nigeria and Sierra Leone  
**C.** Brazil, Egypt and Zambia **D.** Britain, North and South Korea and Namibia
26. The movement of a group of people from a village to an irrigation project area may be described as  
**A.** rural-urban migration **B.** urban-urban migration  
**C.** rural-rural migration **D.** urban-rural migration
27. Which of the following factors best explains the generally low insolation in the high latitudes  
**A.** continentality **B.** longitudinal position  
**C.** angle of inclination **D.** altitude
28. The basic raw materials for the textile industry include  
**A.** wool, cotton, jute and rubber **B.** wool, flax, pulp and papyrus  
**C.** wool, flax, silk and cotton **D.** wool, cotton, pulp and papyrus
29. Which of the following refers to the fountains of hot water and super heated steam that may spout up to a great height of 45 meters from the earth beneath  
**A.** tsunamis **B.** blow-outs  
**C.** volcanoes **D.** geysers
30. Hydrolysis and oxidation are processes of  
**A.** mechanical weathering **B.** biological weathering  
**C.** chemical weathering **D.** mass wasting
31. Which of the following may not solve the problem of over population?  
**A.** increase in food production **B.** birth control  
**C.** increase in the area extent of towns" **D.** reduction of agricultural land
32. All the following are characteristics of a limestone region except  
**A.** stony and broken surface **B.** rugged topography  
**C.** adequate luxuriant vegetation cover **D.** absence of surface drainage
33. The rapid exhaustion of non-renewable natural resources may least be aided by one of the following which is it?  
**A.** increased urbanization **B.** reckless exploitation  
**C.** inadequate technology **D.** natural disaster
34. Which of the following statements best describes the relationship between rural and urban centres?  
**A.** cities are not important as rural areas **B.** rural areas are more productive than cities  
**C.** cities can exist without the rural areas **D.** cities and rural areas depend on each other
35. The most critical element in an ecosystem is the  
**A.** growth per day **B.** energy flow within the system  
**C.** number of species in the system **D.** extent of area covered by the system
36. The level of details and the definition of distances between objects on a map is based upon  
**A.** compass **B.** longitude **C.** latitude **D.** scale
37. Arctic and Antarctic circles are imaginary lines that surround the north and south poles at  
**A.** 90 degrees latitude **B.** 66<sup>1/2</sup> degrees latitude **C.** 23<sup>1/2</sup> degrees latitude **D.** 45 degrees latitude
38. The largest indigenous city in Tropical Africa is  
**A.** Cotonu **B.** Nairobi **C.** Kampala **D.** Ibadan

39. Which of the following farming systems is likely to give rise to nucleated rural settlements?  
**A.** large-scale farming **B.** Irrigation farming  
**C.** subsistence farming **D.** grazing

**MATHEMATICS**

1. Find the average of the first four prime numbers greater than 10.  
**A.** 20 **B.** 19 **C.** 19 **D.** 15
2. Given that  $P = \frac{r}{p}$  and  $p = 3$  when  $r = 16$ , find the value of  $r$  when  $p = \frac{1}{3}$

- A.**  $4 \times 10^{-5}$  **B.**  $4 \times 10^5$  **C.** 72 **D.** 324
3. **A.** - 40,000 **B.** - 200 **C.** 0.0004 **D.** 0.00004
4. Which of the following equations corresponds the data in the table?

x	y
-20	-1/8
-10	-1/3
0	1/2
5	2/9
20	1/12

- A.**  $y = 1 / (x + 2)$  **B.**  $y = 2 / (x + 4)$   
**C.**  $y = (x - 1) / (x + 2)$  **D.**  $y = 2 / (x - 2)$
5. The quadratic equation whose roots are at  $x = 3$  and  $x = 5$  is given by  
**A.**  $(x - 3)(x - 5) = 1$  **B.**  $(x + 3)(x + 5) - 9 = (x + 3)(x + 5) - 25$   
**C.**  $(x + 3)(x + 5) = 0$  **D.**  $x^2 - 8x = -15$
6. There are 15 balls in a box: 8 balls are green, 4 are blue and 3 are white. Then 1 green and 1 blue balls are taken from the box and put away. What is the probability that a blue ball is selected at random from the box?  
**A.** 3/13 **B.** 4/15 **C.** 3/15 **D.** 4/13
7. If  $-3/(a - 3) = 3/(a + 2)$ , then  $a = ?$   
**A.** -3 **B.** -2 **C.** 1/2 **D.** 2
8. What is the average of  $7/8$  and  $3/4$ ?  
**A.**  $13/8$  **B.**  $5/6$  **C.**  $5/3$  **D.**  $13/16$
9. If the hypotenuse of a right triangle is 10 inches long and one of its legs is 5 inches long, how long is the other leg?  
**A.** 5 **B.**  $5\sqrt{3}$  **C.**  $5\sqrt{5}$  **D.** 75
10. If  $8y = 3x - 11$ , then  $x =$   
**A.**  $(88/3)y$  **B.**  $(8/3)y + 11$  **C.**  $(8/3)y - 11$  **D.**  $(8y + 11)/3$
11. Which of the statements describes the solution set for  $-2(x + 8) = -2x + 20$ ?  
**A.**  $x = -2$  only **B.**  $x = 0$  only **C.**  $x = 20$  only **D.** There are no solutions for this equation.
12. When graphed in the (x,y) coordinate plane, at what point do the lines  $2x + 3y = 5$  and  $x = -2$  intersect?  
**A.** (-2,0) **B.** (-2,5) **C.** (0,5/3) **D.** (-2,3)
13. Which of the following is equal to  $\sqrt{45}$ ?  
**A.** 15 **B.**  $5\sqrt{3}$  **C.**  $9\sqrt{5}$  **D.**  $3\sqrt{5}$
14. If  $a = 3$ , then  $2 / (1/7 + 1/a) = ?$   
**A.** 5 **B.**  $21/10$  **C.** 20 **D.**  $21/5$
15. If the expression  $x^3 + 2hx - 2$  is equal to 6 when  $x = -2$ , what is the value of  $h$ ?  
**A.** 0 **B.** -2 **C.** -4 **D.** 4
16. Which of the graphs below is the solution set of  $-3x \leq 12$

17. If the domain of function  $f$  given by  $f(x) = -x^2 + 6x$  is given by the interval  $[0, 6]$ , then the range of  $f$  is given by the interval  
**A.**  $[0, 9]$  **B.**  $[0, 6]$  **C.**  $[0, 3]$  **D.**  $[3, 6]$
18. The  $x$  intercepts of the graph of  $y = -x^2 + 3x + 18$  are given by  
**A.**  $(6, -3)$  **B.**  $(-3, 6)$  **C.**  $(-3, 0)$  and  $(6, 0)$  **D.**  $(3, 0)$  and  $(-6, 0)$
19. The sum of the first  $n$  terms of a linear sequence  $S_n = n^2 + 2n$ . Determine the general term of the sequence  
**A.**  $n+1$  **B.**  $2n+1$  **C.**  $3n+1$   
**D.**  $4n+1$
20. The length of a rectangle is 3 times its width. If the width of the rectangle is 5 inches, what is the rectangle's area, in square inches?  
**A.** 15 **B.** 20 **C.** 30 **D.** 75
21. What is the slope of the line  $4x = -3y + 8$   
**A.** 4 **B.**  $-3/4$  **C.**  $-4/3$  **D.** 8
22. The length of a rectangle is 3 times its width. If the width of the rectangle is 5 inches, what is the rectangle's area, in square inches?  
**A.** 15 **B.** 20 **C.** 30 **D.** 75
23. If  $1.56^x = 2$ , then  $x =$   
**A.**  $\ln 1.56 / \ln 2$  **B.**  $\ln 2 / \ln 1.56$  **C.**  $2 / \ln 1.56$  **D.**  $\ln 2 / 1.56$
24. A machine valued at N20, 000 depreciates by 10% every year. What will be the value of the machine at the end of two years?  
**A.** N16, 200 **B.** N14, 000 **C.** N12, 000 **D.** N16, 000
25.  $x^3 - 2x^2 + 4x - 8 = 0$  if  $x =$   
**A.** 4 **B.** 8 **C.** 2 **D.** -8 **E.** -4
26. The sum of integers from 4 to 8 plus the sum from 12 to 16 is  
**A.** 80 **B.** 120 **C.** 100 **D.** 110 **E.** 90
27. If the diagonals of a quadruplet are equal then the quadruplet is a  
**A.** square **B.** parallelogram **C.** rhomboid  
**D.** trapezoid **E.** rectangle
28. The sum of four powers of  $q$  starting from power 0 is 85. Then  $q =$   
**A.** 2 **B.** 3 **C.** 4 **D.** 5 **E.** 6
- |                           |   |   |   |    |    |    |
|---------------------------|---|---|---|----|----|----|
| <b>Amount (in Naira)</b>  | 3 | 6 | 9 | 12 | 15 | 18 |
| <b>Number of Students</b> | 3 | 9 | 6 | 15 | 3  | 12 |
29. What is the mode  
**A.** N3 **B.** N6 **C.** N9 **D.** N12 **E.** N15
30. Find the median of the distribution  
**A.** N3.00 **B.** N9.00 **C.** N12.00 **D.** N15.00 **E.** N18.00
31. Factorize:  $3a^2 - 11a + 6$   
**A.**  $(3a-2)(a-3)$  **B.**  $(2a-2)(a-3)$  **C.**  $(3a-2)(a+3)$  **D.**  $(3a+2)(a-3)$   
**E.**  $(2a-3)(a+2)$

32. The number of telephone call  $N$  between two cities  $A$  and  $B$  varies directly as the population  $P_A, P_B$  in  $A$  and  $B$  respectively and inversely as the square of the distance  $D$  between  $A$  and  $B$ . which of the following equations represents this relation?

- A.  $N = kp_A + CP_B$       B.  $N = kp_A P_B$       C.  $N = kDP_A P_B$   
 D.  $N = kDP_A + CD P_B$       E.  $N = kD^2 P_A P_B$

33. 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, 1.8 and 1.5      B. 1.8, 1.5 and 1      C. 1.8, 1 and 1.5  
 D. 1.5, 1 and 1.8

34. Add the same number to the numerator and denominator of  $\frac{1}{18}$ . If the resulting fraction is  $\frac{1}{2}$  then the number added is

- A. 13      B. 14      C. 15      D. 12

35.  $x^5 - 3x^4 + 4x - 12 = 0$  if  $x =$

- A. 4      B. 3      C. 2      D. -8

36. Simplify  $\frac{a-b}{a+b} - \frac{a+b}{a-b}$

- A.  $\frac{-4ab}{a^2 - b^2}$       B.  $\frac{a^2}{a^2 - b^2}$       C.  $\frac{b^2}{(a-b)^2}$       D.  $\frac{4ab}{a^2 - b^2}$

37. If opposite sides of a quadruple are equal then it is a

- A. square      B. trapezoid      C. parallelogram      D. rhomboid      E. no such quadruple

38. The sum of even numbers from 12 to 18 is

- A. 80      B. 40      C. 70      D. 60      E. 90

39. The sum of powers of 3 starting from power 2 is 117. Then the number of added powers is

- A. 4      B. 2      C. 3      D. 5      E. 1

40. What is the relationship between  $2ab$  and  $a+b$  where  $a, b$  are numbers?

- A.  $2ab \leq a+b$       B.  $2ab \geq a+b$       C.  $2ab \neq a+b$   
 D.  $2ab = a+b$       E.  $2ab > a+b$

41. There are four visitors in a party. There are two tables with two seats each. In how many different ways can these guests sit down?

- A. 16      B. 24      C. 20      D. 12      E. 18

42. What is the modal goal scored

- A. 0      B. 1      C. 2      D. 5

43.  $\left( \frac{x^3 - 8}{2x} \right) \frac{2x}{x^2 - 4} =$       A.  $\frac{1}{x^2 + 4}$       B. 1      C.  $\frac{x^2 - 4}{x^2 + 4}$       D.  $\frac{x^2 + 4}{x^2 + 4}$

44. The value of  $\frac{3}{2} \times \frac{10}{21} \times \frac{4}{22} \times \frac{77}{5} =$       A. 5      B. 1/5      C. 2      D. 7

45.  $\tan x + \cot x =$       A.  $\sin 2x$       B.  $2/\sin 2x$       C.  $1/\cos 2x$       D.  $\cos 2x$

46.  $\frac{27x^3 - 8}{3x - 2} =$       A.  $9x^2 - 6x + 4$       B.  $9x^2 + 3x + 4$       C.  $9x^2 - 2x + 4$       D.  $9x^2 + 6x + 4$

47.  $\left( {}^6 C_3 (3)^{12} \right)^{\frac{1}{2}} =$       A. 9      B.  $3^{1/2}$       C. 3      D. 27

48. Express 0.00562 in standard form

- A.  $5.62 \times 10^{-3}$       B.  $5.62 \times 10^{-2}$       C.  $5.62 \times 10^2$       D.  $5.62 \times 10^3$

49. If  $3^{2x} = 27$

- A. 1      B. 1.5      C. 4.5      D. 18

50. The population of a village is 5846. Express this number to three significant figures

- A. 5850      B. 5846      C. 584      D. 585

51. Simplify  $\left(\frac{3}{4} - \frac{1}{3}\right) \times 4\frac{1}{2} \div 3\frac{1}{4}$   
**A.**  $3\frac{3}{2}$       **B.**  $5\frac{13}{3}$       **C.**  $9\frac{13}{9}$       **D.**  $12\frac{17}{12}$
52. Write as a single fraction  
**A.**  $\frac{r}{12}$       **B.**  $\frac{1}{12r}$       **C.**  $\frac{r}{6}$       **D.**  $\frac{1}{6r}$
53. Simplify  $\log_{10}^4 + \log_{10}^{25}$   
**A.** 3      **B.** 1      **C.** 2      **D.** 4
- |                |   |   |   |   |   |   |
|----------------|---|---|---|---|---|---|
| No. of goals   | 0 | 1 | 2 | 3 | 4 | 5 |
| No. of matches | 3 | 5 | 7 | 4 | 1 | 0 |
54. What is the mean goal scored?  
**A.** 0.75      **B.** 1.75      **C.** 1.9      **D.** 2
55.  $\begin{pmatrix} 1 & 1 \\ 4 & 5 \end{pmatrix} \times \begin{pmatrix} 1 & 1 \\ 2 & 3 \end{pmatrix} \times 8 =$   
 $\begin{pmatrix} 1 & 1 \\ 3 & 4 \end{pmatrix} \times \begin{pmatrix} 1 & 1 \\ 1 & 5 \end{pmatrix}$   
**A.** 2      **B.** 1/6      **C.** 1      **D.** 4      **E.** 3
56. N1, 000,000.00 is put for 4% yearly interest for three years with the interest added at the end of each year to the base. At the end of the three years the money will be  
**A.** N1, 122,416.00      **B.** N1, 124,864.00  
**C.** N1, 241,232.00      **D.** N1, 422,232.00      **E.** N1, 441,122.00
57. Joe gets N40.00 to buy erasers for N5.00 each, pencils for N7.00 each and rulers for N8.00 each so that minimum number of items are bought and all the money is spent, then the number of pencils bought is  
**A.** 6      **B.** 3      **C.** 2      **D.** 1      **E.** 4
58.  $\log_a x^2 - \text{clog}_a x = 0$  then c  
**A.** 4      **B.** 3      **C.** 5      **D.** 2      **E.** -3
59.  $x^3 - 3x^2 + 4x - 12 = 0$  if x =  
**A.** 4      **B.** 8      **C.** 2      **D.** 3      **E.** -4
60. Evaluate  $\frac{1}{2} + \frac{3}{4}$  of  $\frac{2}{5} \div 1\frac{3}{5}$   
**A.**  $\frac{15}{16}$       **B.**  $\frac{5}{16}$       **C.**  $\frac{49}{50}$       **D.**  $3\frac{1}{5}$
61. Given that  $y = px + q$  and  $y = 5$  when  $x = 3$ , while  $y = 4$  when  $x = 2$  find the values of p and q  
**A.** p = 1, q = 3      **B.** p = 1, q = 2      **C.** p = -2, q = 3      **D.** p = 3, q = -2
62. If  $\frac{y-3}{2} < \frac{2y-1}{3}$ , which of the following is true?  
**A.**  $y > 7$       **B.**  $y < -7$       **C.**  $y > -7$       **D.**  $y < 7$
63. A boy estimated his transport fare for a journey as N190 instead of N200. Find the percentage error in his estimate.  
**A.** 95%      **B.** 47.5%      **C.** 5.26%      **D.** 5%
64. The value of  $\frac{3}{2} \times \frac{10}{21} \times \frac{7}{5} =$  **A.** 5      **B.** 1/5      **C.** 1      **D.** 7
65. There are three boys and three girls in a party. In how many different ways can they dance?  
**A.** 12      **B.** 6      **C.** 9      **D.** 8
66. If a sweet costs N2.00, a chocolate costs N3.00 and a cake costs N5.00 then buy from each item at least one and as many items as possible from N20.00. The number of sweets you buy then is  
**A.** 10      **B.** 6      **C.** 8      **D.** 6

67.  $\left(\sqrt[6]{(3)^{12}}\right)^{\frac{1}{2}} =$                       **A. 9**                      **B.  $3^{1/2}$**                       **C. 3**                      **D. 27**
68.  $\log x^{\log x} = 1$  where  $\log x = \log_{10} x$ . Then  $x =$   
**A. 10 or 1/10**                      **B. 0**                      **C. 2**                      **D. 3**
69. If the elements of a series are 1, 2, 3, 5, 8, 13 ... then the next element is  
**A. 22**                      **B. 19**                      **C. 16**                      **D. 21**
70.  $\log_{27} x =$  **A.  $2\log_9 x$**                       **B.  $3\log_3 x$**                       **C.  $2\log_6 x$**                       **D.  $2\log_3 x$**

### COMPUTER

- The following are output devices except:  
**A. Mouse B. Plotter C. Printer D. Speakers E. Monitor**
- What type of device is a computer monitor?  
**A. Input B. Output C. Software D. Storage E. Processing**
- What type of device is a computer keyboard  
**A. Input B. Output C. Software D. Storage E. Processing**
- What type of devices are computer speakers or headphones?  
**A. Input B. Output C. Software D. Storage E. Processing**
- What type of device is a computer printer?  
**A. Input B. Output C. Software D. Storage E. Processing**
- What type of device is a 3 1/2 inch floppy drive?  
**A. Input B. Output C. Software D. Storage E. Processing**
- What type of device is a computer mouse?  
**A. Input B. Output C. Software D. Storage E. Processing**
- What type of devices are CDs or DVDs?  
**A. Input B. Output C. Software D. Storage E. Processing**
- What type of device is a digital camera?  
**A. Input B. Output C. Software D. Storage E. Processing**
- A program that can copy itself and infect a computer without the permission or knowledge of the owner is called what?  
**A. Floppy B. Virus C. Java D. Monitor E. Flash**
- Which of these is a correct format of IP address?  
**A. 192.168.1.1 B. 192.168.111.11111 C. 192.168.900.1 D. 192.900.168.1 E. 192.16.168.111**
- Which was the first web browser?  
**A. WorldWideWeb B. Netscape Navigator C. Internet Explorer D. Safari E. Chrome**
- It is a small piece of text stored on a user's computer by a web browser for maintaining the state. What we are talking about?  
**A. Application B. Session C. Cookie D. QueryString E. Applets**
- Which of these is a correct format of Email address?  
**A. contact.website.info B. contactwebsite.info C. contact@website.info D. contact@website@info E. Contact.website@info**
- What does HTTP stands for?  
**A. Hypertext Transfer Protocol B. Hypertext Transfer Plotter C. Head Tail Transfer Plot D. Head Tail Transfer Protocol E. Hypertext Transmission Process**
- In computers, what is the smallest and basic unit of information storage?  
**A. Bit B. Byte C. Newton D. Mega byte E. Kilo byte**
- What is Windows XP?  
**A. Operating System B. Storage Device C. Processor D. Output Device E. Input Device**
- Which of the following is responsible for the management and coordination of activities and the sharing of the resources of the computer?  
**A. Application Software B. Motherboard C. Operating System D. RAM E. System Software**

19. MP3 file format is associated with what type of files?  
**A. Video B. Audio C. Image D. Word Document E. Flash file**
20. MS-Word is an example of  
**A. Application Software B. System Software C. Operating System D. Scanner E. ALU**
21. Which software application is used for accessing sites or information on a network (as the World Wide Web)?  
**A. Operating System B. Web Browser C. Microsoft Word D. Microsoft Excel E. FileZilla**
22. What are the two broad categories of software?  
**A. MS Word and Spreadsheet B. Transaction and Application C. Microsoft and Mac OS D. System and Application E. Transaction and System**
23. One kilobyte contains how many bytes?  
**A. 1000 B. 1001 C. 100 D. 1024 E. 10**
24. Who Owns the Internet?  
**A. Internet Engineering Task Force B. ICANN C. Internet Architecture Board D. No one owns it E. InterNIC**
25. What is the shortcut key of printing a document for computer having windows?  
**A. Ctrl + P B. Shift + P C. Alt + P D. Shift + PP E. Fn + P**
26. In computers, '.TMP' extension refers usually to what kind of file?  
**A. Temporary file B. Image file C. Video file D. Text file E. Database file**
27. The way of manipulating data into information is called  
**A. Storing B. Processing C. Deletion D. Organizing E. Transmission**
28. What Does BIOS Stand For?  
**A. Better Integrated Operating System B. Basic Input Output System C. Battery Integrated Operating Setup D. Backup Input Output System E. Battery Input Operating System**
29. Memory management is a feature of  
**A. Processor B. Operating System C. MS Word D. Animation E. UPS**
30. Which of the following is not a storage device?  
**A. DVD B. Hard Disk C. Floppy Disk D. Mouse E. Flash Drive**

**ANSWERS**

**ENGLISH**

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



- 54. C
- 55. D
- 56. D
- 57. B
- 58. B
- 59. C
- 60. A
- 61. C
- 62. B
- 63. C
- 64. A
- 65. D
- 66. C
- 67. B
- 68. C
- 69. A
- 70. D
- 71. B
- 72. B
- 73. D
- 74. B
- 75. C

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**ECONOMICS**

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

- 55. B
- 56. D
- 57. A
- 58. B
- 59. B
- 60. B

**GOVERNMENT**

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

45. D
46. A
47. E
48. D
49. C
50. B
51. C
52. D
53. D
54. A
55. B
56. B
57. A
58. C
59. D
60. B

**GEOGRAPHY**

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

- 36. D
- 37. B
- 38. D
- 39. B

**MATHEMATICS**

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

48. A
49. B
50. D
51. A
52. B
53. C
54. B
55. C
56. B
57. C
58. D
59. D
60. B
61. B
62. C
63. D
64. C
65. B
66. C
67. C
68. A
69. D
70. B

**COMPUTER**

1. A
2. B
3. A
4. B
5. B
6. D
7. A
8. D
9. A
10. B
11. A
12. A
13. C
14. C
15. A
16. A
17. A
18. C
19. B
20. A
21. B
22. D
23. D
24. D
25. A
26. A
27. B
28. B
29. B
30. D