

THE NIGERIAN SECURITY AND CIVIL DEFENCE CORPS PAST QUESTIONS 2019

GENERAL KNOWLEDGE/CURRENT AFFAIRS

1. The Universal Declaration of Human Rights (UDHR) is based on the resolution of the?
 - a. Human Right Watch.
 - b. United Nations Organization.**
 - c. Amnesty International.
 - d. League of Nations.
2. Which of the following is not a function of the Independent National Electoral Commission (INEC)?
 - a. Administering Oath of office to elected officers.
 - b. Conducting Periodic Elections.**
 - c. Recruitment of Electoral Officers.
 - d. Registration of political parties.
 - e. Registration of Voters.
3. A representative of a Commonwealth Country in another member state is called.....?
 - a. Ambassador.
 - b. Attaché.
 - c. Consul-general
 - d. Diplomat.
 - e. High Commissioner.**
4. Who among the following can be described as the founding father of Nigerian Nationalism?
 - a. Nnamdi Azikiwe.
 - b. Herbert Macaulay.**
 - c. Ahmadu Bello.
 - d. Obafemi Awolowo.
5. Conflicts are better resolved in the society through.....?
 - a. Tribunal.
 - b. Litigation.
 - c. Dialogue.**
 - d. The Court.

6. Most African Countries owe their creation to?
 - a. African Union (AU).
 - b. Commonwealth of Nations.
 - c. Ethnic and Tribal Leaders.
 - d. European Colonies.
 - e. United Nations (UN).
7. Who was the first executive president of nigeria?
 - a. Abubakar Tafawa Balewa.
 - b. Goodluck Jonathan.
 - c. Nnamdi Azikiwe.
 - d. Olusegun Obasanjo.
 - e. Shehu Shagari.
8. The symbol for the Campaign against Aids is a Ribbon?
 - a. Blue.
 - b. Black.
 - c. Red.
 - d. Yellow.
 - e. White.
9. In 2013, Nigeria Celebrated her Independence Anniversary?
 - a. 50th
 - b. 51st
 - c. 52nd
 - d. 53rd
 - e. 54th
10. How many members constitute the lower legislative chamber in Nigeria?
 - a. 300.
 - b. 302.
 - c. 312.
 - d. 342.
 - e. 360
11. How many Senators are elected from each state in Nigeria?
 - a. 2.
 - b. 3.

- c. 4.
 - d. 5.
 - e. 6.
12. The National Youth Service Corps (NYSC) scheme was established in Nigeria in the year.....?
- a. 1970.
 - b. 1971.
 - c. 1973.
 - d. 1975.
 - e. 1976.
13. How many senator(s) represent the federal capital territory in the senate?
- a. 1.
 - b. 2.
 - c. 3.
 - d. 4.
 - e. 5.
14. In which country is the International Court of Justice located?
- a. Britain.
 - b. Netherlands.
 - c. Nigeria.
 - d. Norway.
 - e. United State of America.
15. Where is the headquarters of United Nations?
- a. Abuja.
 - b. England.
 - c. Hague.
 - d. New York.
 - e. Washington D.C
16. The Public Service Structure of Nigeria is an offshoot of?
- a. America.
 - b. Britain.
 - c. Canada.
 - d. India.
 - e. Japan.

17. The United Nations Universal Declaration on Human Rights was proposed in the year?
- a. 1925.
 - b. 1930.
 - c. 1946.
 - d. 1948.
 - e. 1960.
18. Which of the following bodies is responsible for defending the country against external aggression?
- a. Army.
 - b. Civil Defense.
 - c. Customs.
 - d. Police.
 - e. Ministry of Defence.
19. Which of the following is both a country and a continent at the same time?
- a. Africa.
 - b. Antarctica.
 - c. Asia.
 - d. Australia.
 - e. Europe.
20. The headquarters of ECOWAS is located in?
- a. Abuja.
 - b. Accra.
 - c. Addis-Ababa.
 - d. Lome.
 - e. Togo.
21. The land in contention between Nigeria and Cameroon is called?
- a. Bakassi Peninsula.
 - b. Bonny Island.
 - c. Cabar River.
 - d. Lekki Peninsula.
 - e. Victoria Island.
22. Human Rights Abuse can be prevented through the following, except?

- a. Constitutional Means.
 - b. Court of Law.
 - c. Mass Literacy.
 - d. Mass Media.
 - e. **Protest.**
23. When the National Flag is flown half mast, it is a sign of National?
- a. Centenary Celebration.
 - b. Children's Day.
 - c. Independence.
 - d. **Mourning.**
 - e. Worker's Day Celebration.
24. In the civil service, cleaners, drivers and security belong to class?
- a. Administrative.
 - b. Clerical.
 - c. Lower.
 - d. Messengerial.
 - e. **Professional.**
25. Koffi Annan was the former secretary general of?
- a. African Union (AU).
 - b. Commonwealth of Nations.
 - c. Economic Community of West African States (ECOWAS).
 - d. European Union (EU).
 - e. **United Nations (UN).**
26. The Green Colour on the traffic light indicates?
- a. Be Fast.
 - b. Get Ready.
 - c. **Go.**
 - d. Slow Down.
 - e. Stop.
27. The Universal Declaration of Protection of Human Rights Abuse and Violation Worldwide was adopted by the United Nations (UN) in the year?
- a. 1935.

- b. 1940.
 - c. 1948.
 - d. 1950.
 - e. 1955.
28. World AIDS Day is observed on?
- a. 20th May.
 - b. 30th July.
 - c. 27th August.
 - d. 1st December.
29. The National Agency for Food and Drug Administration and Control (NAFDAC) was established in?
- a. 1993.
 - b. 1996.
 - c. 1990.
 - d. 2001.
30. National Agency for the Prohibition of Traffic in Persons (NAPTIP) is an initiative of
- a. Federal Government of Nigeria.
 - b. United States Agency for International Development.
 - c. Woman Trafficking and Child Labour Eradication Foundation.
 - d. United States Office on Drugs and Crime.
31. Which of the following is not a function of the National Drug Law Enforcement Agency (NDLEA)?
- a. Applying and implementing all Drug Laws.
 - b. Arresting, Investigating and Prosecuting Drug Traffickers.
 - c. Undertaking the Registration of Companies dealing on Drugs.
 - d. Carrying out Enlightenment Campaigns on Drug Trafficking.
32. Which of the following statements best describes Human Trafficking?
- a. Recruitment of Youths as Casual Workers.
 - b. Desperate desire by youths to travel abroad.
 - c. Buying and Selling of Humans for Selfish Purposes.
 - d. Transportation of goods and services through Human Portage.

33. A major Civil Society Group which campaigns against Military Rule prior to the advent of the Fourth Republic in Nigeria is the?
- a. Campaign for Democracy.
 - b. Save Nigeria Group.
 - c. Civil Liberties Organization.
 - d. **National Democracy Coalition.**
34. Drug Law enforcement agencies in Nigeria are empowered to?
- a. Execute Drug Suspects.
 - b. Arrest Drug Barons.
 - c. **Prosecute Drug Traffickers.**
 - d. Rehabilitate Drug Addicts.
35. One of the ways to ensure free and fair elections is to?
- a. Allow parties to campaign on Election Day.
 - b. Ensure INEC Chairman is appointed from a Pressure Group.
 - c. Operate a one party system.
 - d. Appoint a politician as the chairman of the electoral commission.
36. Nigeria is a federation of states with Abuja as its capital?
- a. 35.
 - b. **36.**
 - c. 38.
 - d. 37.
37. The Administrative Class in the Public Service is to?
- a. Implement Policies.
 - b. **Formulate Policies.**
 - c. Veto Policies.
 - d. Oversee Policies.
38. The first Pan African Conference was held in?
- a. Paris.
 - b. Brussels.
 - c. New York.
 - d. **London.**
39. The Economic Commission for Africa is an Agency of?

- a. **OAU.**
 - b. Commonwealth.
 - c. OCAM.
 - d. Africa Development Bank.
40. Nigeria is not a member of?
- a. OAU.
 - b. Security Council of the UN.
 - c. African Development Bank.
 - d. Commonwealth.
 - e. **OCAM.**
41. The first governor-general of Nigeria was.....?
- a. Lord Lugard.
 - b. **Dr. Nnamdi Azikiwe.**
 - c. Sir. James Robertson.
 - d. Late Major General Aguiyi Ironsi.
 - e. The Oni of Ife.
42. The OAU was formed in.....?
- a. 1946.
 - b. 1956.
 - c. 1960.
 - d. **1963.**
 - e. 1965.
43. Which of the following would act for the Head of State when he is out of the country?
- a. The Chief Justice of the Supreme Court.
 - b. The Chief of Staff, Army.
 - c. **The Chief of Staff, Supreme Military Headquarters.**
 - d. The Chief of Staff, Airforce.
 - e. The General Office Commanding First Division.
44. The 1946 Constitutions in Nigeria and the Gold Coast (Ghana) were the results of.....?
- a. Pressures from Nationalist within the Colonies.
 - b. Pressures from the British Government.
 - c. **Pressures by the United States of America.**
 - d. Pressures from within and outside these colonies.

- e. None of the Above.
45. Who among the following would you choose as the most famous activist for Nationalist Movement in Nigeria?
- a. Kwame Nkrumah.
 - b. General Olusegun Obasanjo.
 - c. **Herbert Macaulay.**
 - d. Anthony Enahoro.
 - e. Dauda Adegbenro.
46. The first Independent Country in West Africa was.....?
- a. Nigeria.
 - b. Guinea Bissau.
 - c. **Ghana.**
 - d. Benin.
 - e. Republic of Guinea.
47. ECOWAS represents.....?
- a. The English speaking equivalent of the Francophone Economic Community in West Africa.
 - b. **An attempt to progressively eliminate obstacles to free movement of goods, services and peoples throughout West Africa.**
 - c. The West African Regional Arm of the United Nations Economic and Social Council (ECOSOC).
 - d. A continent-wide economic dimension of Pan-Africanism.
 - e. A concrete achievement by the Economic Commission for Africa.
48. The Nigeria Air force was founded in what year?
- a. **18th April 1964.**
 - b. 18th April 1974.
 - c. 18th April 1984.
 - d. 18th April 1994.
49. When is the Armed Forces Day in Nigeria observed?
- a. Every July 15.
 - b. Every June 15.
 - c. **Every January 15.**
 - d. Every February 15.
50. Who is the current chief of Air Staff?
- a. Rt. Air Marshal Mohammed Dikko Umar.

- b. **Air Marshal Sadique Abubakar.**
 - c. Rt. Air Marshal Adesola Nunayon Amosu.
 - d. Rt. Air Marshal Alex Sabundu Badeh.
51. Where is the Headquarters of Nigeria Prisons Service (NPS)?
- a. Lagos.
 - b. Ogun.
 - c. Kaduna.
 - d. **Abuja.**
52. When was the bill signed that contained the change of name for the Nigerian Prison Service?
- a. January 2019.
 - b. March 2019.
 - c. May 2019.
 - d. **August 2019.**
53. What is the new name of the Nigeria Prison Service?
- a. **Nigerian Correctional Service.**
 - b. Nigerian Prisons Monitoring.
 - c. Nigerian Detention Service.
 - d. Nigerian Inmate Service.
54. Caesarian section is a process of giving birth to a baby by a woman through?
- a. Labour.
 - b. Medication.
 - c. Oral Therapy.
 - d. **Operation.**
55. Urine contains water and?
- a. Hydrogen.
 - b. Sodium.
 - c. H₂O.
 - d. Salt.
56. HIV can be transmitted through.....?
- a. **Sharing of Clippers for barbing hair.**
 - b. Hand Shake.
 - c. Worshipping together.
 - d. Using the same place to rest.

57. Who is the Present Chief of Army Staff?
- a. General Aguiyi Ironsi.
 - b. General Yakubu Gowon.
 - c. Lieutenant General Theophilus Danjuma.
 - d. **Lieutenant General Tukur Yusuf Buratai.**
58. The Nigeria Army has been involved in the following except?
- a. Congo Crisis.
 - b. Nigeria Civil War.
 - c. First Liberian Civil War.
 - d. **ISIS Insurgency.**
59. Which military/Para military force takes care of the Aerial Protection of Nigeria against external attack?
- a. Nigeria Navy.
 - b. Nigeria Army.
 - c. **Nigeria Air force.**
 - d. Nigeria Customs Services.
60. The Nigeria Security and Civil Defense Corps was first introduced in which year?
- a. May 1979.
 - b. June 1979.
 - c. **May 1967.**
 - d. June 1967.
61. What inspired the introduction of the NSCDC?
- a. The Lagos Market Women Protest.
 - b. **The Nigeria Civil War.**
 - c. The Aba Market Women Riot.
 - d. Civil Unrest across the Country.
62. During the Nigeria Civil War that commenced in 1967 in the then capital territory of Lagos, what was the Nigerian Security and Civil Defense Corps known as?
- a. Lagos Civil Security Commission.
 - b. Lagos Security and Community Defense Corps.
 - c. **Lagos Civil Defense Committee.**
 - d. Lagos Security and Defense Corporation.
63. What was the NSCDC's initial core objective(s)?

- a. **To sensitize and protect the Civil Populace.**
 - b. To maintain law and order in the Civil Society.
 - c. To foster the movement of people around.
 - d. To encourage the Civil Society to be peaceful.
64. In what year did the former Lagos Civil Defense Committee become officially known as the Nigeria Security and Civil Defense Corps (NSCDC)?
- a. 1980.
 - b. **1970.**
 - c. 1960.
 - d. 1990.
65. In what year did the NSCDC become a National Security Outfit?
- a. 1984.
 - b. **1988.**
 - c. 1994.
 - d. 1986.
66. Who signed into law and approved the statutory backing of the NSCDC, and in what Year?
- a. Goodluck Jonathan in 2012.
 - b. Abdulsalami Abubakar 1994.
 - c. **Olusegun Obasanjo 2003.**
 - d. Yakubu Gowon 1987.
67. What category of organization or institution does the NSCDC belong to?
- a. Post Military Agency.
 - b. **Para Military Agency.**
 - c. Sub Military Agency.
 - d. Pre Military Agency.
68. What is the primary objective of the NSCDC?
- a. **To provide measures against any form of threat, attack or disaster against the Nation and or its citizens.**
 - b. To provide supported assistance to the military and police in fighting crime.
 - c. To provide the government with criminal records and hideouts so as to help track and arrest criminals.

- d. To Support in the fight against corruption, political manipulation, civil unrest and social vices.
69. How many zonal offices does the NSCDC have across the nation?
- a. 6.
 - b. **8.**
 - c. 4.
 - d. 2.
70. In which state is the NSCDC College of Peace and Disaster Management located?
- a. Kano.
 - b. Lagos.
 - c. **Kaduna.**
 - d. Akwa Ibom.
71. Where and in which state is the NSCDC Civil Defense Academy located?
- a. **Sauka (FCT).**
 - b. Zaria (Kaduna).
 - c. Orji (Enugu).
 - d. Ore (Oyo).
72. In which state is the NSCDC College of Security Management located?
- a. Bayelsa.
 - b. Sokoto.
 - c. Benue.
 - d. **Ogun State.**
73. Who is the current Commandant General of the Nigerian Security and Civil Defense Corps (NSCDC)?
- a. **Abdullahi Dara Muhammadu.**
 - b. Abiola Atunramu.
 - c. Adeurale John Abolurin.
 - d. Folarin Adejo.
74. Who was the first Commandant General of the Nigerian Security and Civil Defense Corps (NSCDC)?
- a. Abdullahi Dara Muhammadu.

- b. Abiola Atunramu.
 - c. Adeurele John Abolurin.
 - d. Folarin Adejojo.
75. What are the two main departments/units of NSCDC?
- a. Private Security Guard Company (PSGC) and Servicom Unit.
 - b. **Servicom Unit and Private Guard Licensing Company (PGC).**
 - c. Private Guard Authorization Unit (PGAU) and Servicom Unit.
 - d. Servicom and Private Unit for Guard Licensing (PUGL).
76. Who is the current Minister of the Federal Capital Territory (FCT)
- a. **Muhammed Bello.**
 - b. Abba Moro.
 - c. Lai Mohammed.
 - d. Ahmed Lawan.
77. Who is the current governor of the Central Bank of Nigeria (CBN)?
- a. Clement Isong.
 - b. **Godwin Emezie.**
 - c. Sanusi Lamido.
 - d. Sadiq Ibrahim.
78. What was the name of the first political party in Nigeria?
- a. All Progressive Congress (APC).
 - b. National Council of Nigeria and the Cameroon (NCNC).
 - c. Peoples Democratic Party (PDP).
 - d. **Nigerian National Democratic Party (NNDP).**
79. Who is the first female vice-chancellor of a Nigerian university?
- a. **Grace Alele Williams.**
 - b. Fumilayo Ransome Kuti.
 - c. Ngozi Okonjo Iweala.
 - d. Chimamanda Adichie.
80. The first military coup in Nigeria was carried out when?
- a. **1966.**
 - b. 1965.
 - c. 1964.
 - d. 1963.
81. Who is Nigeria's current Chief of Naval Staff?

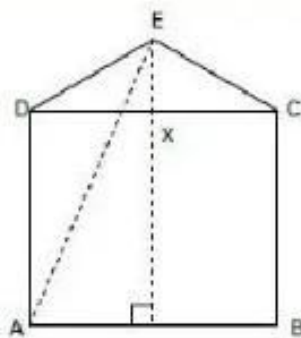
- a. Vice Admiral Adeogun Falarashid.
 - b. Vice Admiral Yusuf Buka.
 - c. Vice Admiral Tunde Ojo.
 - d. **Vice Admiral Ibok-Ete Ekwe Ibas.**
82. Who is the current INEC chairman?
- a. Atahiru Jega.
 - b. **Mahmood Yakubu.**
 - c. Morris Iwu.
 - d. Bruno Alihu.
83. The first TV station in Nigeria is?
- a. Arial Television Network of Nigeria (ATNN).
 - b. Eastern Nigeria Government Television Corporation (ENGTC).
 - c. **Western Nigerian Government Broadcasting Corporation (WNTV).**
 - d. The Nigeria Television Authority (NTA).
84. What year was the first TV station in Nigeria launched?
- a. **1959.**
 - b. 1960.
 - c. 1958.
 - d. 1961.
85. The two horses on the coat of arm of Nigeria stand for?
- a. Might.
 - b. Rich Culture.
 - c. **Strength.**
 - d. Dignity.
86. The highest court in Nigeria is?
- a. Court of Appeal.
 - b. **Supreme Court.**
 - c. Federal High Court.
 - d. Magistrate court.
87. The first military president of Nigeria was?
- a. Sanni Abacha.
 - b. Ibrahim Babangida.
 - c. **Aguiyi Ironsi.**
 - d. Yakubu Gowon.
88. The western and eastern Nigeria became self governed in?

- a. 1959.
 - b. 1960.
 - c. **1957.**
 - d. 1956.
89. The first African country to introduce e-passport was?
- a. South Africa.
 - b. Ghana.
 - c. Liberia.
 - d. **Nigeria.**
90. Lagos became a crown colony in what year?
- a. 1862.
 - b. **1861.**
 - c. 1841.
 - d. 1886.
91. In what year did the western and eastern Nigeria become self governed?
- a. 1959.
 - b. 1960.
 - c. **1957.**
 - d. 1956.
92. Who formed the first political party in Nigeria?
- a. Nnamdi Azikiwe.
 - b. Obafemi Awolowo.
 - c. Tafawa Balewa.
 - d. **Herbert Macaulay.**
93. Who is the current minister of defense?
- a. **Mansur Dan Ali.**
 - b. Adamu Adamu.
 - c. Nasir El Rufai.
 - d. Ovie Omoagege.
94. Who is the current British Prime Minister?
- a. Theresa May.
 - b. Banki Moon.
 - c. David Cameroon.
 - d. **Borris Johnson.**

95. Who is the current United Nations Secretary General?
- a. Theresa May.
 - b. Boris Johnson.
 - c. **Antonio Guterres.**
 - d. Gladwin Jebb.
96. Which country won the just concluded African Cup of Nations?
- a. Nigeria.
 - b. Senegal.
 - c. Egypt.
 - d. **Algeria.**
97. The Winners of the 2018 World Cup was?
- a. Brazil.
 - b. **France.**
 - c. Argentina.
 - d. Croatia.
98. Who is the current president of the Economic Community of West African Countries (ECOWAS)
- a. **Muhammadu Buhari.**
 - b. Nana Akufo-Addo.
 - c. Alpha Conde.
 - d. Abdel Fattah el-Sisi.
99. The present presiding officer of the African Union (AU) is?
- a. Muhammadu Buhari.
 - b. Nana Akufo-Addo.
 - c. Alpha Conde.
 - d. **Abdel Fattah el-Sisi.**
100. The current European Union Commission President is?
- a. **Jean Claude Juncker.**
 - b. Donald Trump.
 - c. Ursula von der Leyen.
 - d. David Cameroon.

GENERAL MATHEMATICS PAST QUESTIONS

1.



A) 11

B) 12

C) $\sqrt{146}$

D) 13

E) $\sqrt{244}$

2. Consider the sequence 2, 6, 18, 54, 162,.... If the 48th term is a and the 51th is b, what is the value of **b/a**?

A) 1/27

B) 1/3

C) 9

D) 3

E) 27

3. What is the value of z, the number of seniors on teams as shown in the table below?

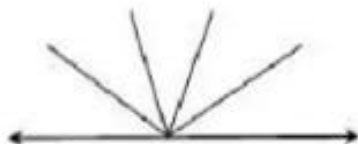
A) 360

B) 420

C) 200

D) 1800

E) It cannot be determined from the information given



4. In the figure above, what is the value of a ?

A) 30

B) 36

C) 45

D) 72

E) It cannot be determined from the information given

5. At central high school 50 girls play intramural basketball and 40 girls play intramural volleyball. If 10 girls play both sports, what is the ratio of the number who plays only volleyball?

A) 3:4

B) 4:3

C) 5:4

D) 4:5

E) 2:3

6. Maria is 6 times as old as Tina. In 20 years, Maria will be only twice as old as Tina. How old is Maria now?

A) 25

B) 28

C) 29

D) 30

E) 32

7. If a secretary types 60 words per minute, how many minute will he take to type 330 words?

A) $11/2$

B) $15/2$

C) $16/3$

D) $17/2$

E) $19/4$

8. If Scott can mow $2/5$ of a lawn each hour, how many lawns can he mow in h hours?

A) $2h/5$

B) $5h/2$

C) $h-2/5$

D) $2/5h$

E) $5/2h$

9. If it is now June, what month will it be 100 months from now?

A) January

B) April

C) June

D) October

E) December

10. In a group of 100 students, more students are on a team than are members of a club. If 70 are in clubs and 20 are neither on a team nor in a club, what is the minimum number of student who could be both on a team and in a club?

A) 61

B) 62

C) 65

D) 70

E) 75

Study the chart and answer the questions below it.



11. In April to June the planned number of flights to Hong Kong is 30. What is this decrease as a percentage of the number of flights booked in January to March?

A) 25.5%

B) 33.3%

C) 45.3%

D) 50%

E) 66.6%

12. What was the number of UK flights booked as a percentage of the Malaysian flights if UK flights booked is 20% of the total Europe flights?

A) 15%

B) 1.5%

C) 50%

D) 5%

E) 35%

13. A 10 % discount is offered to flights to Hong Kong booked between January and March. What was the total cost of all flights to Hong Kong in the period January to March?

A) \$3500

B) \$17500

C) \$27500

D) \$35000

E) Cannot Say

14. How many more flights were booked?

A) 20

B) 30

C) 40

D) 50

E) 60

15. A student bought 3 notebooks and 1 pen for N35. After misplacing these items, she again bought 2 note books and 2 pens, all of the same type for N30. What is the cost of a pen?

A) N5.00

B) N7.50

C) N10.00

D) N15.00

16. If the simple interest on N2, 000 after 9 months is N6, at what rate per annum is the interest charged?

A) 21.4%

B) 4%

C) 5%

D) 6%

17. A man bought a television set on hire purchase for N25, 000 out of which he paid N10,000. If he is allowed to pay the balance in eight equal installments, find the value of each Installment.

A) N1250

B) N1578

C) N1875

D) N3125

18. A car moves at an average speed of 30kmh⁻¹, how long does it take to cover 200 metres?

A) 2.4Sec

B) 24Sec

C) 144Sec

D) 240Sec

19. A man bought 2220 mangoes at N5x. He sold each for 3x kobo and made gain of N8. Find the value of x.

A) 2

B) 5

C) 6

D) 10

20. The side of a square is increased from 20cm to 21cm. Calculate the percentage increase in its area.

A) 2.5%

B) 9.3%

C) 10.0%

D) 10.25%

21. A house bought for N100,000 was later auctioned for N80,000, Find the loss percent.

A) 20%

B) 30%

C) 40%

D) 50%

22. An article bought for D5,000.00 depreciate by 15% of its value during the first year. Find its value after a year.

A) D425.00

B) D750.00

C) D4,250.00

D) D4,985.00

23. A trader sold a pair of shoes for C 2,800.00 making a loss of 20% on his cost price. Find his loss as a percentage of his selling price.

A) $16\frac{2}{3}\%$

B) 2%

C) 25%

D) 75%

24. The price of a litre of petrol is increased from C30.00 to C 39.00 . What is the percentage increase in the cost of a litre of petrol ?

A) 90%

B) 30%

C) 34%

D) 39%

25. A rectangle is twice as long as it is wide. If the width is **a**, what is the length of **a** diagonal?

A) $a\sqrt{2}$

B) $a\sqrt{3}$

C) $a\sqrt{5}$

D) $3a$

E) $5a$

26. Last year Jose sold a painting for \$2000. If he made 25% profit on the sale, how much had he paid for the painting?

A) \$1200

B) \$1500

C) \$1600

D) \$2400

E) \$2500

27. A lacrosse team raised some money. The members used 74% of the money to buy uniform, 18% for equipment, and the remaining \$216 for a team party. How much money did they raise?

A) \$2400

B) \$2450

C) \$2500

D) \$2600

E) \$2500

28. If the length of a rectangle is 4 times its width, and if its area is 144, what is its perimeter?

A) 6

B) 24

C) 30

D) 60

E) 96

29. If the measures of the angles of a triangle are in the ratio of 1:2:3, and if the perimeter of the triangle is $30 + 10(3)^{1/2}$, what is the length of the smallest side?

A) 20

B) 18

C) 15

D) 12

E) 10

30. What is the area of Triangle ABC?

A) 350

B) 360

C) 370

D) 375

E) 390

31. What is the perimeter of Triangle ABC?

- A) 80
- B) 85
- C) 95
- D) 100**
- E) No idea

32. Last year Jose sold a painting for \$2000. If he made a 25% profit on the sale, how much had he paid for the painting?

- A. \$1200
- C. \$1500
- C. \$1600**
- D. \$2400
- E. \$2500

Jose made 25% profit, so if he bought the painting for x , he sold it for: $x + 0.25x = 1.25x = 2000 \Rightarrow x = 2000 \div 1.25 = 1600$.

The answer is (C).

33. In the figure below what is the value of b ?

- A. 30
- B. 36**
- C. 45
- D. 60
- E. 72

34. Since vertical angles have the same measure, $c = d$, $d = a$, and $b = a - b$
 $a = 2b$.

Therefore, $c = d = a = 2b$. Also, the sum of the measures of all six angles is 3600, so $a + b + c + d + a - b + d = 2a + c + 2d = 360$. Replacing c , d , and a by $2b$ yields

$$10b = 360 \Rightarrow b = 36.$$

The answer is (B).

35. A lacrosse team raised some money. The members used 74% of the money to buy a uniform, 18% for equipment, and the remaining \$216 for a team party. How much money did they raise?

A. 2400

B. 2450

C. 2500

D. 2600

E. 2700

SINCE $74\% + 18\% = 92\%$, THE \$216 spent on the party presents the other 8 % of the money raised. Then: $0.08m = 216 \Rightarrow m = 216 \div 0.08 = 2700$.

The answer is (E).

36. In the figure below, what is the sum of the degree measures of all of the marked angles?

A. 600

B. 620

C. 700

D. 720

E. 750

Each of the 10 marked angles is an exterior angle of the Pentagon. If you take one angle at each vertex, the sum of the degree measures of those five

angles is 360; the sum of the degree measures of the other five also is 360:
 $360 + 360 = 720$.

The answer is (720).

37. If the measures of the angles of a triangle are in the ratio of 1:2:3, and if the perimeter of the triangle is $30 + 10(3)^{1/2}$, what is the length of the smallest side?

A. 20

B. 18

C. 15

D. 12

E. 10

38. What is the area of Triangle ABC?

A. 350

B. 360

C. 370

D. 375

E. 390

The area of Triangle CDE = $0.5(8)(15) = 60$. Since the ratio of similitude for the two triangles (as

Calculated in solution C15) is 2.5, the area of Triangle ABC is $(2.5)^2$ times the area of CDE: $(2.5)^2 \times 60 =$

$6.25 \times 60 = 375$. **The answer is (375).**

39. What is the perimeter of Triangle ABC?

A. 80

B. 85

C. 95

D. 100

E. 105

Solution

By the Pythagorean theorem, $8^2 + 15^2 = (CE)^2$ $(CE)^2 = 64 + 225 = 289$ $CE = 17$. Then the perimeter of

$CDE = 8 + 15 + 17 = 40$. Triangles ABC and CDE are similar (each has a 90° angle, and the vertical angle at C are congruent). The ratio of similitude is = 2.5, so the perimeter of ABC is $2.5 \times 40 = 100$. **The answer is (100).**

40. If the difference between the measures of the two smaller angles of a right triangle is 20°, what is the measure, in degrees, of the smallest angle?

A. 30

B. 35

C. 40

D. 45

E. 50

41. What is the area of Triangle BED in the figure below were ABCD is a triangle?

A. 12

B. 24

C. 36

D. 48

E. 60

You can calculate the area of the rectangle and subtract the area of the two white right triangles, but don't. The shaded area is a triangle whose base is 4 and whose height is 12. The area is $(4)(12) = 24$. **The answer is (B).**

42. In an office, there was a small cash box. One day Ann took half of the money plus \$1 more. Then Dan took half of the money plus \$1 more. Stan then took the remaining \$11. How many dollars were originally in the box?

A. \$50

B. \$45

C. \$42

D. \$40

E. \$38

Solution

You can avoid some messy algebra by working backward. Put back the \$11 Stan took; then put back the extra \$1 that Dan took. There is now \$12, which means that, when Dan took his half, he took \$12. Put that back, now there is \$24 in the box. Put back the extra \$1 that Ann took. The box now has \$25, so before Ann took her half, there was \$50. **The answer is (\$50).**

43. Each of the 10 players on the basketball team shot 100 free throws, and the average number of baskets made was 75. When the highest and lowest scores were eliminated the average number of baskets for the remaining 8 players was 79. What is the smallest number of baskets anyone could have made?

A. 22

B. 20

C. 18

D. 16

E. 14

Since the average of all 10 players was 75, the total number of baskets made was $10 \times 75 = 750$. Also, since 8 of the player had an average of 79, they made a total of $8 \times 79 = 632$ points. The other 2 players therefore, made $750 - 632 = 118$ baskets. The most baskets that the player with the highest number could have made, was 100, so the player with the lowest number had to have made at least 18. **The answer is (C)18.**

44. Karen played a game several times. She received \$5 every time she won and had to pay \$2 every time she lost. If the ratio of the number of times she won to the number of times she lost was 3:2, and if she won a total of \$66, how many times did she play the game?

A. 30

B. 35

C. 40

D. 45

E. 48

Karen won $3x$ times and lost $2x$ times, and thus played a total of $5x$ games. Since she got \$5 every time she won, she received $\$5(3x) = \$15x$. Also, since she paid \$2 for each loss, she paid out $\$2(2x) = \$4x$.

Therefore, her net winning were $\$15x - 4x = \$11x$, which you are told was \$66. Then, $11x = 66 \Rightarrow x = 6$, and so $5x = 30$. **The answer is 30**

45. Since 1950, when Martin graduated from high school, he has gained 2 pounds every year. In 1980 he was 40% heavier than in 1950. What percent of his 1995 weight was his 1980 weight?

A. 80

B. 85

C. 87.5

D. 90

E. 95

Solution

Let x = Martin's weight in 1950. By 1980, he had gained 60 pounds (2 pounds per year for 30 years) and was 40% heavier: $60 = 0.40x$ $x = 60 \div 0.4 = 150$. In 1980, he weighed 210 pounds, 15 years later, in 1995, he weighed 240: $210/240 = 7/8 = 87.5\%$. **The answer is C.**

46. Henry drove 100 miles to visit a friend. If he had driven 8 miles per hour faster than he did, he would have arrived in of the time he actually takes. How many minutes did the trip take?

A. 100

B. 120

C. 125

D. 144

E. 150

47. Two printing presses working together can complete a job in 2.5 hours. Working alone, press A can do the job in 10 hours. How many hours will press B take to do the job by itself?

A. $10/3$

B. 4

C. 5

C. $25/4$

E. $15/12$

Multiply each term by $10x$: $2.5x + 25 = 10x$

.Subtract $2.4x$ from each other: $25 = 7.5x$

. Divide each side by 7.5: $x = 3$ hours. **The answer is A.**

48. If flyers for Aardvark Cellular cost \$150 per thousand. Approximately, how many thousand have been produced?

A. 23

B. 20

C. 17

D. 14

E. 18

Answer: B

49. Express $\frac{3}{4}$ as a decimal fraction

A. 0.85

B. 0.75

C. 0.65

D. 0.45

50. Find the simple interest of N700 for 2 years at 3% per annum

A. 32

B. 42

C. 52

D. 62

ENGLISH LANGUAGE/VERBAL REASONING PAST QUESTIONS

English Language/Verbal Reasoning Past Questions

Lexis and Structures:

From the words given in A, B, C, D or E, choose the word or words nearest in meaning to the one printed in *italics* in the sentence. Write your answer in the space provided on the left of the question number.

1. Last night, I heard a *Peculiar* story about the activities of ghost.
a. True b. Special c. Short d. False e. Strange
2. That cheat of a boy cleverly *imitated* his father's handwriting.
a. Copied b. rubbed out c. signed d. wrote e. scribbled
3. Mrs. Agu had to *mend* her basket before going to market this morning
a. Make b. weave c. get d. sew e.
repair
4. Obi was very *inquisitive* during the lecture and was always asking question.
a. Interested b. clever c. queer d. curious e. active
5. He was *generous* and shared what he brought with his friends
a. Gentle b. polite c. unselfish d. greedy e. sorry
6. This is a rather *expensive* dress.
a. Cheap b. poor c. gay d. costly e.
dark
7. Dr. Akin said the patient was much better and quite *cheerful*.
a. Happy b. noisy c. hopeful d. talkative e. curious
8. I can't buy that book, so I'll *manage* with this one
a. Read b. repair c. try studying d. make do e.
mend
9. Ngozi *whispered* the answer to me when the teacher turned away.
a. Shouted b. passed c. quietly said d. slowly said e. gave

In each of the following sentences, choose from A, B, C, D, E, one word or group of words which correctly fills the gap in each sentence.

Write your answer A, B, C, D, or E in the space provided at the left hand.

10. Alice was tired as they were____
a. So b. too c. as d. more e. better
11. Peter likes English____ than social studies

- a. Much b. better c. better d. as e. least
12. You won't catch the bus _____ you run.
a. Before b. as soon as c. since d. unless e. as
13. I did the work _____ you told me to
a. Before b. until c. unless d. if e. for
14. I do not know if they are going, but if they _____, she will be happy
a. Will be going b. were going c. had gone d. go e. will go
15. I asked if it _____ found.
a. Is b. has c. has been d. have been e. were
16. The whole school _____ to the football match next Saturday
a. Went b. go c. has gone d. are going e. is going
17. When you _____ will you please help me?
a. Had finished b. finish c. finishes d. to finish e. are finished
18. If you are not careful, you _____ that water
a. Will spill b. were c. are spilling d. spill e. split
19. He did read it, _____ he?
a. Does b. doesn't c. hasn't d. didn't e. aren't
20. You weren't ready, _____ you?
a. Are b. weren't c. were d. don't e. aren't
21. I haven't hurt him _____ I?
a. Hadn't b. haven't c. am d. have e. did
22. "I have used _____ all my ink," said Ngozi
a. Around b. down c. up d. over e. on
23. The train will leave _____ six o'clock exactly
a. In b. by c. on d. to e. at
24. We do not know the exams result _____ but we will know them by next week
a. Just b. then c. although d. even e. yet
25. Jane will continue to get low marks _____ she works harder
a. Although b. even c. however d. unless e. because

Complete the following sentences with one of the given five endings below

26. He swept so bitterly_____
- To be consoled by everybody
 - Because he was consoled by everybody
 - That everybody consoled him
 - For he was consoled by everybody
 - As to be consoled by everybody
27. Do you prefer coffe_____?
- Than chocolate
 - or chocolate
 - from chocolate
 - to chocolate
 - by chocolate
28. if Obi had been a good boy_____
- he will finish is work
 - he has finished his work
 - he would finish his work
 - he would have finished his work
29. Ifeoma is different_____
- From the other girls in the class
 - With all the other girls in her class
 - By all the other girls in her class
 - To all the other girls in her class
 - Among all the other girls in her class
30. Either of those books_____
- Are hers
 - is hers
 - are her's
 - is hers'
 - were hers.

Choose from the list of words lettered A, B C, D and E the one which has the opposite meaning or almost the opposite meaning to the word in italics

31. John is always *punctual* to school
- Smart
 - slow
 - fast
 - tidy
 - late
32. He is an *honest* steward indeed.
- Good
 - dishonest
 - bad
 - fine
 - clever

33. The juice is *sweet*
 a. Lovely b. nice c. sour d. bitter e. bad
34. He was a *powerful* king
 a. Strong b. weak c. new d. wretched e. miserable.
35. Yours is a *modern* house
 a. Beautiful b. ugly c. new d. respectable e. old
36. It could be *dangerous* to drive at night
 a. Risky b. pleasant c. delightful d. safe e. exciting
37. Ada *received* many presents on her birthday.
 a. Got b. gave c. kept d. posted e. lost

Below each of the following questions are five sentences or group of words lettered A to E. choose the sentences or group of words that is the best answer to the question

38. Will they be able to complete the work before Christmas?
 a. No, they won't
 b. It is true
 c. Yes, at Christmas
 d. I don't know.
 e. No, they haven't
39. How can the government help the people in the villages?
 a. By paying their taxes for them
 b. By villages are dirty
 c. By providing them with light and water
 d. Village schools are old
 e. The village are few
40. Why didn't you buy the shirt?
 a. It isn't right size b. it is good c. I am going to iron it d. I didn't buy the shirt e. I like shirts.
41. Have you any letters for him to take home?
 a. Yes, I have three
 b. No, he hasn't got them

- c. Yes, I have read the letters
 - d. Yes, I have none
 - e. Yes, he has gone
42. What were you doing when I came in?
- a. The food wasn't ready
 - b. I didn't see you
 - c. Eating
 - d. You arrived early
 - e. You should not have come
43. How long does it take to walk from one end of the town to another?
- a. Five kilometers b. it's not far c. an hour and half
 - d. it's a big town
 - e. the town is beautiful

choose from the list of words lettered A to E the one which has almost the same meaning as the word or group of words underlined in the sentence.

44. The teacher was annoyed with the class
- a. Angry b. pleased c. confused d. amused e. disagreeing
45. The man was of average height
- a. Great b. medium c. very small d. strange e. unusual
46. James found a pen for Anne when he had lost hers
- a. Manufactured b. bought c. provided d. stolen e. sent
47. I used to see him frequently
- a. Late b. sometimes c. quickly d. generally e. often
48. He walk rapidly to the bank of the river
- a. Specially b. steadily c. quietly d. quickly e. gradually
49. He says we are going to have a bright day
- a. Busy b. never c. curious d. sunny e. hopeful

Below each of the following sentences are five question lettered A to E. choose a question that brings out the sentence as its best answer.

50. Bolupe is
- a. Who else is coming with us?
 - b. Is Bolupe coming with us?
 - c. Did Bolupe say she wants to come with us

- d. Has Bolupe agreed to come with us?
- e. Why is Bolupe coming with us?

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