

CDCFIB PRACTICE QUESTIONS

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THIS MODULE CONSIST OF PRACTICE QUESTIONS ON:

- 1. NIGERIA SECURITY AND CIVIL DEFENCE CORPS**
- 2. NIGERIA CORRECTIONAL SERVICE**
- 3. FEDERAL FIRE SERVICE**
- 4. NIGERIA IMMIGRATION SERVICE**
- 5. CURRENT AFFAIRS**
- 6. ENGLISH LANGUAGE**
- 7. MATHEMATICS**

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NOT FOR SALE

FEDERAL FIRE SERVICE

1. Choose the odd one out
(a) Water (b) Foam (c) Powder (d) Stone
Answer: D (others are fire extinguishing agents)
2. What are the duties of FFS?
Fire prevention, firefighting, rescue services, enforcement of fire safety regulations
3. What is the motto of FFS?
Answer: Proud to save
4. Under which ministry does FFS operate?
Answer: Ministry of Interior
5. Who is the current Controller General of FFS?
Answer: Olumode Samuel Adeyemi
6. What does FFS stand for?
Answer: Federal Fire Service
7. Rearrange: fire / the / extinguished / was / quickly
Answer: The fire was quickly extinguished
8. Choose the odd one out
(a) Smoke (b) Flame (c) Paper (d) Heat
Answer: C (others are related to fire characteristics)
9. Which Gas does humans exhale?
Answer: Carbon dioxide
10. Freezing point of water in degree Celsius?
Answer: 0°C
11. What is the colour code for CO₂ extinguisher?
Answer: Black
12. What is the colour code for water extinguisher?
Answer: Red
13. What is fire extinguisher used for?
Answer: To put out fire
14. What is the fire triangle?
Answer: Fuel, Heat, Oxygen
15. What is combustion?
Answer: A chemical process of burning

16. What is the main component of dry chemical powder extinguisher?
Answer: Monoammonium phosphate
17. H₂O is?
Answer: Water
18. Gas used in respiration by human?
Answer: Oxygen
19. When was the Federal Fire Service established?
Answer: 1901
(It started as a unit under the Lagos Police Fire Brigade in 1901)
20. Class A fire involves?
Answer: Ordinary combustibles (wood, paper, cloth)
21. Class B fire involves?
Answer: Flammable liquids
22. Class C fire involves?
Answer: Flammable gases
23. Class D fire involves?
Answer: Combustible metals
24. What is the emergency phone number for fire in Nigeria?
Answer: 112

NIGERIA SECURITY AND CIVIL DEFENCE CORPS

1. The Nigeria Security and Civil Defence Corps was first introduced in which year?
(a) May 1979 (b) June 1979 (c) May 1967 (d) June 1967
2. 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
3. During the Nigeria Civil War that commenced in 1967 in the 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
4. 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.
5. 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
6. In what year did the NSCDC become a National Security Outfit?
(a) 1984 (b) 1988 (c) 1994 (d) 1986
7. Who is the Commandant General of NSCDC?
(a) Prof. Attairu Jega (b) Dr. Ahmed Abubakar Audi (c) Engr. Ali Baba (d) Dr. Aliu Maina
8. What is the full meaning of NSCDC?
(a) Niger Security and Civil Defence Corps (b) Nigeria Security and Civil Defense Core (c) Nigeria Security and Civil Defence Corps (d) Nigeria Civil Defence Organization
9. How many Directorate does NSCDC have?
(a) 9 (b) 8 (c) 7 (d) 6
10. The legal document guiding the operations of NSCDC is called what?
(a) NSCDC agenda (b) NSCDC Act (c) NSCDC principles (d) NSCDC laws

NSCDC ANSWERS

1.C 2.B 3.C 4.A 5.B 6.B 7.B 8.C 9.D 10.B

NIGERIA CORRECTIONAL SERVICE

1. What was the Nigerian Correctional Service previously called?
Answer: Nigerian Prisons Service
2. When was it renamed the Correctional Service?
Answer: 2019 (Through the Nigerian Correctional Service Act signed by President Buhari).
3. Who is the current Controller General of Corrections?
Answer: Sylvester Ndidi Nwakuche
4. Under which ministry does NCoS operate?
Answer: Ministry of Interior
5. What is the motto of NCoS?
Answer: "Service and Humanity."
6. What are the duties of NCoS?
Answer: Safe custody, reformation, rehabilitation, and reintegration of offenders.
7. Who is an inmate?
Answer: A person confined in a prison or correctional facility.
8. What is parole?
Answer: Conditional release of a prisoner before completion of sentence under supervision
9. What is recidivism?
Answer: Returning to crime after being released from prison.
10. Who is a warder?
Answer: A correctional officer or prison guard.
11. Types of correctional facilities in Nigeria?
Answer: Custodial centres and non-custodial units
12. How many directorates are in NCoS?
Answer: 8
13. Examples of non-custodial measures?
Answer: Community service, parole, probation
14. What is probation?
Answer: An alternative sentence allowing an offender to remain in the community under supervision
15. What is bail?
Answer: Temporary release of an accused person awaiting trial

16. What is solitary confinement?
Answer: Keeping an inmate alone in a cell as punishment.
17. Choose the odd one out:
(a) Rehabilitation (b) Imprisonment (c) Reformation (d) Endocrine
Answer: D (Others relate to correctional services)
18. Choose the odd one out:
(a) Court (b) Prison (c) Teacher (d) Police
Answer: C
19. What does NCoS stands for?
Answer: Nigerian Correctional Service
20. Which is correct for NCoS?
(a) Comptroller General (b) Controller General (c) Commandant General (d) Major General
Answer: B

NIGERIA IMMIGRATION SERVICE

1. Which of following is the core duty of the Nigeria immigration
(a) Persecuting offenders (b) enforcing of Laws (c) issuance of all Nigerian travel document (d) deporting of foreigners

Answer:C

2. The NIS was brought out of the Nigerian Police Force (NPF) in
(a) 1946 (b) 1956 (c) 1958 (d) 1964

Answer:C

3. The NIS was formally established by the act of parliament in
(a)1963 (b) 1957 (c) 1964 (d) 1976

Answer:A

4. The first African country to introduce E-passport was
(a) South-Africa (b) Ghana (c) Liberia (d) Nigeria

Answer:D

5. How many comptroller general has the NIS gotten since the inception till date
(a) 10 (b) 12 (c) 8 (d) 15

Answer: A

6. The present comptroller general of NIS is
(a) Umar Dahiru (b) David Parradang (c) Boniface Cosmos (d) Kemi Nandap

Answer:D

7. Which is correct for NIS?
(b) Comptroller General (b) Controller General (c) Commandant General (d) Major General

Answer: A

8. How many Directorates does NIS have?
(a) 10 (b) 8 (c) 7 (d) 9

Answer: A

9. What does CGIS stands for?
Answer: Comptroller General of Immigration Service

10. NIS is under which Ministry?
Answer: Ministry of Interior

CURRENT AFFAIRS

1. The first Secretary general of Commonwealth was
(a) George Washington (b) Tulma Goldie (c) Arnold Smith (d) Joseph Garba
2. Lagos became a crown colony in
(a) 1862 (b) 1861 (c) 1841 (d) 1886
3. The first world war 1, was between
(a) 1911-1914 (b) 1914-1916 (c) 1916-1918 (d) 1914-1918
4. The western and eastern Nigeria became self governed in
(a) 1959 (b) 1960 (c) 1957 (d) 1956
5. The first head of government of Nigeria was
(a) Yakubu Gowon (b) Aguiyi Ironsi (c) Tafawa Balewa (d) Nnamdi Azikiwe
6. The first military president of Nigeria was
(a) Sanni Abacha (b) Ibrahim Babangida (c) Aguiyi Ironsi (d) Yakubu Gowon
7. Nigeria became a republic in
(a) 1963 (b) 1960 (c) 1976 (d) 1961
8. The Northern and Southern protectorate was amalgamated in
(a) 1914 (b) 1919 (c) 1921 (d) 1900
9. The first Executive president was
(a) Nnamdi Azikiwe (b) Olusegun Obasanjo (c) Sheu Shagari (d) Goodluck Jonathan
10. The first colonial governor general of Nigeria was
(a) Tulma Goldie (b) James Robertson (c) Huge Clifford (d) Lord Lugard
11. The highest court in Nigeria is
(a) Court of Appeal (b) Supreme court (c) Federal High Court (d) Magistrate court
12. ECOWAS was established in__ and has its administrative headquarter in__
(a) 1967 Lome (b) 1975 Lome (c) 1975 Lagos (d) 1967 Lagos
13. The first general election in Nigeria was held in
(a) 1964 (b) 1960 (c) 1963 (d) 1999
14. Nigeria practice one of the following system of government
(a) Con-federalism (b) Unitarism (c) Paliamentarism (d) Federalism
15. The last colonial governor general of Nigeria was
(a) James Robertson (b) Jimmy Carter (c) Lord Lugard (d) Huge Clifford
16. The first Military coup de'tat in Nigeria was in

- (a) 1964 (b) 1966 (c) 1960 (d) 1999
17. The establishment of states started in Nigeria on
(a) May 27 1967 (b) Feb.13 1966 (c) April 8 1960 (d) Oct.1 1960
18. The Biafra Civil war was between
(a) 1967-1968 (b) 1968-1971 (c) 1967-1970 (d) 1970-1975
19. The national youth service corp was established in
(a) 1960 (b) 1973 (c) 1980 (d) 1997
20. The Nigeria Police Force belongs to which organ of government
(a) Judiciary (b) Executive (c) Legislative (d) Non of the above
21. African consist of how many countries
(a) 54 (b) 55 (c) 60 (d) 70
22. The Secretary general of OPEC is
(a) Abdulsaleam Kanuri (b) Abudullahi El-badri (c) Utuhu Kamirideen (d) Haitham Al Ghais
23. The current secretary general of United nation is
(a) Banki Moon (b) Antonio Guterres (c) KoffiAnaan (d) Boustro-Brouste Ghali
24. Which of the following pair of countries consist of the permanent security council of UN
(a) Brazil, Germany, France, USA, China (b) France, China, USSR, USA, Britain (c) France, Britain, Brazil, Newzeland (d) France, Germany, Japan, China
25. In order to qualify for the post of President in Nigeria the person must be_and above
(a) 35yrs (b) 20yrs (c) 40yrs (d) 55yrs
26. The name Nigeria coined out of ____
(a) Niger Forest (b) Niger Area (c) Niger River (d) Niger Textures
27. The first Inspector General of the Police Force was
(a) Teslim Balogun (b) Louis Edet (c) Ademola Adetokunbo (d) Elias Balogun
28. The current secretary general or commission chairman of Africa union is
(a) Dlamini Zuma (b) Allasane Quattara (c) Emeka Anaoku (d) Moussa Faki Mahamat
29. The current president of commission or secretary is of ECOWAS
(a) H.Desategn (b) Omar Touray (c) Allasane Quattara (d) Ike Ekweremalu
30. The headquarter of UN is in
(a) New York (b) Washington (c) Geneva (d) Vienna
31. UNO was founded in San Francisco in
(a) 1939 (b) 1914 (c) 1945 (d) 1950

32. The first military coup-de'tat in Africa was in
(a) Libya (b) Liberia (c) Egypt (d) Nigeria
33. Nigeria became 36 states under the regime of
(a) Olusegun Obasanjo (b) Sanni Abacha (c) Ibrahim Babagida (d) Yakubu Gowon
34. The first military head of state was
(a) Yakubu Gowon (b) Aguiyi Ironsi (c) Olusegun Obasanjo (d) Ernest Shonekan
35. Oil can be found in one of the following state in Nigeria except
(a) Lagos (b) Anambra (c) Ondo (d) Ekiti
36. Tin is majorly found in
(a) Jos (b) Enugu (c) Kano (d) Imo
37. Oil was first discovered by Shell-BP in Nigeria ____
(a) Oloibiri (b) Idanre (c) Warri (d) Kabba
38. Which of the following may be regarded as a regional organization
(a) ECOWAS (b) OAU (c) UN (d) OPEC
39. The last military head state of Nigeria was
(a) Abdulsalami Abubakar (b) Sanni Abacha (c) Olusegun Obasanjo
(d) Yakubu Gowon
40. The name Nigeria was coined by____
(a) Flora Shaw (b) Mary Slessor (c) Lord Lugard (d) Juman Goldie
41. The legislature in Nigeria is called
(a) House of assembly (b) House of lords (c) National Assembly
(d) House of Representative
42. The legislature in Britain is referred to as____
(a) House of common (b) White house (c) Congress (d) Parliament
43. Nigeria changed from pounds to Naira in
(a) 1960 (b) 1973 (c) 1959 (d) 1963
44. The first Nigeria president to die in office was__and he died on
(a) Murtala Mohammed Feb 13 1976 (b) Sanni Abacha June 8 1998
(b) Ya'ardua May 5 2010 (d) Aguiyi Ironsi July 29 1966
45. Which date did late former president Muhammadu Buhari died?
(a) May 29, 2025 (b) July 13, 2025 (c) July 29, 2025 (d) June 12, 2025
46. Who is the current senate president of Nigeria?
(a) David Mark (b) Bukola Saraki (c) Godswill Akpabio (d) Adams Sonekan

47. The current Honourable Minister of Interior is
(a) Rauf Aregbesola (b) Olubunmi Tunji-Ojo (c) Nyesom Wike (d) Olufemi Alausa
48. Who is the current Governor of the Central Bank of Nigeria?
(a) Olayemi Cardoso (b) Godwin Emefiele (c) Lamido Sanusi (d) Folashtodun Sonubi
49. The arm of government charged with the responsibility of making laws is
(a) Judiciary (b) Legislative (c) Executive (d) Parliament
50. The eagle in the coat of arms stands for?
(a) Strength (b) EFCC (c) Pride (d) Hero

ANSWERS TO CURRENT AFFAIRS

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

ENGLISH LANGUAGE

Choose the word nearest to the word in Bold

1. After many years of struggle as a trader, he **struck gold**
(a) Became quite rich (b) Won a big contract (c) he became a gold miner
(d) became a goldsmith
2. One significant character of the jet age is that it encourages people to **cut corners**
(a) Not to face all problems (b) to want to become rich quickly
(c) to want to avoid unnecessary hardships (d) forfeit the opportunity of further education.
3. The lady who won the beauty contest had a good **gait**
(a) Stature (b) figure (c) elegance (d) carriage
4. It would need a **high flyer** to make a first class degree in the university
(a) A smart performer (b) an outright genius (c) an outstanding scholar (d) an unmitigated swot
5. What you will find in the book is a **bird's eyeview** of the subject
(a) A detailed account (b) a balanced account (c) a biased treatment (d) a general survey
6. Hers was a **chequered career**
(a) An interesting and successful career (b) a career full of sorrow and tears
(c) a bright and memorable career (d) a career full of ups and downs
7. If experience is anything to go by, this action will prove a **political minefield**
(a) A source of political benefits (b) a way out of political trouble (c) a cause for political joy
(d) an invitation to political problems.
8. In my view, the play didn't **come off**
(a) Succeed (b) fail (c) attract applause (d) take place
9. **When the chips are down**, we will know those who have the courage to stand
(a) When we get to a crisis point (b) in the final analysis (c) when the blocks are lowered
(d) when we get to the end of the road
10. She said boxing is, in fact her **pet aversion**
(a) something she likes very much (b) something she dislikes very much
(c) a hobby she loves to pursue (d) one thing she can't miss
11. The gate man does his work **perfunctorily**
(a) Without commitment (b) with speed (c) mother's pet (d) father's pet
12. Members of the panel were working at **cross-purposes**
(a) Harmony (b) in disunity (c) for selfish purposes (d) stretch

13. The young man who distributed political pamphlets on campus was promptly **repudiated**

- (a) Disowned (b) arrested (c) warned (d) killed

14. Adayi is a **die-hard** criminal

- (a) Hard to kill (b) hard to arrest (c) remorseless (d) resentless

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

15. In moments of serious economic hardship, many people are ___ to turn to God.

- (a) Concerned (b) inclined (c) disposed (d) propensed

16. We cannot all wear expensive shoe in situation of ___

- (a) Diverent demand and supply (b) uneven wear and tear (c) different purchasing power
(d) unpredictable national income

17. The centre-forward was ___ consequently the goal was not allowed

- (a) In an offside position (b) very well positioned (c) brilliant player (d) the captain of the team

18. AIDS is disease that kills slowly but surely

- (a) Too much a deadly (b) Very deadly (c) so deadly (d) such deadly

19. We had a dull evening because ___

- (a) Hardly the talk had begun when the lights went off
(b) hardly had the talk begun when the light went off
(c) the talk had hardly begun when the light had gone out
(d) the lights had hardly gone out when the talk began

20. Soyinka's masterful ___ of the atmosphere of his childhood helped to make his book, **Ake**, an outright success

- (a) Evocation (b) invocation (c) convocation (d) revocation

21. Students will always blame their teachers when examination results are unfavourable

- (a) Won't they (b) wouldn't they (c) isn't it (d) can't they

22. Okonkwo is a stubborn man; he will never ___ his words

- (a) Chew (b) spit (c) eat (d) bite

23. Kindly ___ me your book because my friend has ___ mine

- (a) Borrow/ borrowed (b) borrow/rent (c) lend/lent (d) lend/borrowed

24. Three quarters of the church ___ painted by members the previous day

- (a) Were (b) was (c) is (d) are

25. The young boys have been caught with parts of the stolen machine but ___ admitted stealing it

- (a) Neither of them has (b) neither of them have (c) none of them has (d) none of them have.

26. Watching carefully, I could see the fish_____ along the bottom
(a) Dotting (b) crawling (c) diving (d) darting
27. Emeka is now a _____ student but it took him years to____
(a) Matured/mature (b) mature/mature (c) mature/matured (d) matured/matured
28. The rebels will soon fight back. We have been informed _____ their____
(a) Of/predicament (b) about/ indulgence (c) on/rearmament (d) as for/advancement
29. Ali was honest and quite as a school boy but too much drinking has now changed his _____ and _____ his tongue
(a) Temperature/injured (b) character/tightened
(c) temperament/loosened (d) innocence/worsened
30. The hospital was closed _____ because there were no beds to put patients _____.
(a) Again/upon (b) off/on (c) down/at (d) up/in
31. The judge with his son _____ travelling to Lagos now
(a) Were (b) shall (c) is (d) are
32. A university teacher is an _____.
(a) Academic (b) academics (c) academician (d) academia
33. The adventurers ran into many _____ in the forest
(a) Dear (b) dears (c) deers (d) deer
34. The argument between the two neighbour degenerated into
(a) A free-for all (b) a free for all fight (c) a flee for all (d) a free fight
35. The class _____ more girls than boys this session
(a) Comprise of (b) comprises of (c) comprise (d) comprises
36. The tourist bought _____
(a) A brown, small, Nigerian earthen pot (b) a small, brown Nigerian earthen pot
(c) an earthen, brown, small Nigerian pot (d) a Nigerian small brown earthen pot
37. I have already _____ the picture on the sitting-room wall
(a) Hunged (b) hunged (c) hang (d) hung
38. Most of us will attend the conference _____ at Ibadan later this year
(a) Holding (b) held (c) being held (d) to hold
39. I shall work hard so that I can _____ a distinction in English
(a) Secure (b) make (c) receive (d) grab
40. The baby was rather _____ than I could bear
(a) Much more troublesome (b) much too troublesome (c) so much troublesome
(d) verymuch troublesome

41. Students were forbidden __ secret society
(a) From joining (b) in joining (c) to join (d) on joining
42. Of course, we all saw the culprit __ and hit the man on the head
(a) Approached (b) approaching (c) approach (d) approaches
43. A child that shows mature characteristics at any early age may be described as
(a) Preconceived (b) premature (c) ingenuous (d) precocious
44. The company Director showed the contractor a ____ of the proposed office complex
(a) Prototype (b) photograph (c) microfilm (d) photocopy
45. ____ you come early to the new house, clean up my flat
(a) While (b) by chance (c) should (d) should in case
46. This imposing edifice __ a fortune to build
(a) Had costed (b) have cost (c) costed (d) cost
47. They let him go in __ to his age
(a) Respect (b) regard (c) disregard (d) consideration
48. Some scientists are trying to __ human beings in their laboratories
(a) Imitate (b) replicate (c) implicate (d) fabricate
49. He does not seem to know how to solve the problem ____
(a) Does not he (b) does he not (c) does he (d) doesn't he?
50. These villagers __ to grow rice
(a) Used (b) are used (c) were used (d) use

ANSWERS TO ENGLISH LANGUAGE

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

MATHEMATICS

1. What is the probability of having an odd number in a single toss of a fair die
(a) $\frac{1}{6}$ (b) $\frac{1}{3}$ (c) $\frac{1}{2}$ (d) $\frac{2}{3}$

Use the following information for question 2 and 3

The surnames of 40 children in a class were arranged in alphabetical order, 16 of the surnames begin with O and 9 of the surnames begin with A. 14 letters of the alphabet do not appear as the first letter of a surname.

2. What is the probability that the surname of a child picked at random from the class begins with either O and A?
(a) $\frac{5}{8}$ (b) $\frac{7}{8}$ (c) $\frac{9}{16}$ (d) $\frac{14}{25}$
3. If more than one surname begins with a letter besides A and O, how many surnames begin with the letter? (a) 2 (b) 3 (c) 4 (d) 6

The table gives the score of a group of students in an English language test.

Scores	2	3	4	5	6	7
No. of Students	2	4	7	2	3	2

4. If a student is chosen at random from the group, what is the probability that he scored at least 6 marks?
(a) $\frac{3}{20}$ (b) $\frac{1}{5}$ (c) $\frac{1}{4}$ (d) $\frac{3}{10}$
5. What is the probability that three customers waiting in a bank will be served in the sequence of their arrival at the bank?
(a) $\frac{1}{6}$ (b) $\frac{1}{3}$ (c) $\frac{1}{2}$ (d) $\frac{2}{3}$
6. The probability that Kodjo and Adoga pass an examination are $\frac{3}{4}$ and $\frac{3}{5}$ respectively. Find the probability of both boys failing the examination.
(a) $\frac{1}{10}$ (b) $\frac{3}{10}$ (c) $\frac{1}{2}$ (d) $\frac{2}{3}$
7. The mean of 20 observations in an experiment is 4. If the observed largest value is 23, find the mean of the remaining observations.
(a) 4 (b) 3 (c) 2.85 (d) 2.60
8. A group of eleven people can speak either English or French or both. Seven can speak English and six can speak French. What is the probability that a person chosen at random can speak both English and French?
(a) $\frac{2}{11}$ (b) $\frac{4}{11}$ (c) $\frac{5}{11}$ (d) $\frac{11}{13}$

If events X and Y are mutually exclusive, $P(X) = \frac{1}{3}$ and $P(Y) = \frac{2}{5}$, Use the information to answer questions 9 & 10.

9. $P(X \cap Y)$ is (a) 0 (b) $\frac{2}{15}$ (c) $\frac{4}{15}$ (d) $\frac{11}{15}$
10. $P(X \cup Y)$ is (a) 0 (b) $\frac{2}{15}$ (c) $\frac{4}{15}$ (d) $\frac{11}{15}$

11. A box contains 2 white and 3 blue identical marbles. If two marbles are picked at Random, one after the other, without replacement, What is the probability of picking two marbles of different colours?
(a) $\frac{2}{3}$ (b) $\frac{3}{5}$ (c) $\frac{2}{5}$ (d) $\frac{7}{20}$
12. Mrs. Jones is expecting a baby. The probability that it will be a boy is $\frac{1}{2}$ and the probability that the baby will have blue eyes is $\frac{1}{4}$. What is the probability that she will have a blue-eyed boy?
(a) $\frac{1}{8}$ (b) $\frac{1}{4}$ (c) $\frac{3}{8}$ (d) $\frac{1}{2}$
13. Convert the speed 90km per hour of a car to metres per second
(a) 1.5ms^{-1} (b) 2.5ms^{-1} (c) 25ms^{-1} (d) $1.5 \times 10^3 \text{ms}^{-1}$
14. Uche and Chidi shared a sum of money on the ratio m:n. If Chidi's share was N4,200.00, what was Uche's share?
(a) $\text{N}4,200n/m$ (b) $\text{N}4,200/mn$ (c) $\text{N}4,200m/n$ (d) $\text{N}4,200/n$
15. A husband contributes 7% of his income into a fund and his wife contributes 4% of her income. If the husband earns N5,500 per annum (p.a) and his wife earns N4,000 p.a, find the sum of their contribution to the fund.
(a) N1,045 (b) N605 (c) N545 (d) N490
16. A car is traveling at an average speed of 80kmh^{-1} . Its speed in metres per second (m/s) is
(a) 13.3m/s (b) 22.2m/s (c) 133.3m/s (d) 222.2m/s
17. If the children share N10.50K among themselves in the ratio 6:7:8, How much is the largest share?
(a) N3.00 (b) N3.50 (c) N4.00 (d) N4.50
18. A trader makes a loss of 15% when selling an article. Find the ratio, selling price: cost price.
(a) 3:20 (b) 3:17 (c) 17:20 (d) 20:23
19. A car travels at x km per hour for 1hour at y km per hour for 2hours. Find its average speed.
(a) $2x+2y\text{kmh}^{-1}/3$ (b) $x+y\text{kmh}^{-1}/3$ (c) $x+2y\text{kmh}^{-1}$ (d) $2x+y\text{kmh}^{-1}/3$
20. The ages of three men are in the ratio 3:4:5. If the difference between the ages of the oldest and youngest is 18 years, find the sum of the ages of the three men.
(a) 45 years (b) 72 years (c) 108 years (d) 216 years
21. A bicycle wheel of radius 42cm is rolled over a distance of 66m. How many revolutions does it make? [Take $\pi=22/7$]
(a) 2.5 (b) 5 (c) 25 (d) 50
22. In a bag of oranges, the ratio of the good ones to the bad ones is 5:4. If the number of bad ones in the bag is 36, how many oranges are there altogether?
(a) 81 (b) 72 (c) 54 (d) 45

23. A man is four times as old as his son. The difference between their ages is 36. Find the sum of their ages.
(a) 45 years (b) 48 years (c) 60 years (d) 74 years
24. If $4m+3n = 5$, find the ratio $m:n$ $4m-3n$
(a) 37:4 (b) 4:3 (c) 3:4 (d) 4:7
25. If $2x:(x+1)=3:2$, what is the value of x ?
(a) $\frac{1}{2}$ (b) 1 (c) $1\frac{1}{2}$ (d) 3
26. The ratio of the number of men to the number of women in a 20 member committee is 3:1. How many women must be added to the 20 member committee so as to make the ratio of men to women 3:2?
(a) 2 (b) 5 (c) 7 (d) 9
27. Three men, Bedu, Bakare and Kofi shared N500 in the ratio 3:2:x respectively. If Bedu's share is N150, find the value of x .
(a) 1 (b) 3 (c) 5 (d) 6
28. The sides of two cubes are in the ratio 2:5, what is the ratio of their volumes?
(a) 4:5 (b) 8:15 (c) 6:125 (d) 8:125
29. Lena bought 400 Alpha Company shares at N1.50 each and sold them at N2.05 each. What was her gain?
(a) N0.55 (b) N20.00 (c) N220.00 (d) N330.00
30. Amma buys 100 oranges at 20 for C30.00 and another 200 oranges at 4 for C10.00. If she sells all her oranges at C3.00 each, what was her profit?
(a) C150.00 (b) C250.00 (c) C500.00 (d) C650.00
31. The price of a litre of petrol is increased from C30.00 to C39.00. What is the percentage increase in the cost of a litre of petrol?
(a) 90% (b) 30% (c) 34% (d) 39%
32. A trader sold a pair of shoes for C2,800.00 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%
33. 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
34. A house bought for N100,000 was later auctioned for N80,000. Find the loss percent.
(a) 20% (b) 30% (c) 40% (d) 50%
35. 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%

36. 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

37. 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

38. 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

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

- (a) $2\frac{1}{4}\%$ (b) 4% (c) 5% (d) 6%

40. 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