

# UP TO DATE EFCC PAST QUESTIONS AND ANSWERS

## QUESTION SET 1

1. Ifeyinwa found that thieves had entered her house in her absence. She went to the police to report the.....A. breakout B. breakup C. break in D. breakthrough E. breakin
2. Gone are the days when he.....enjoy patronage A. would B. will C. could D. used to E. can
3. All .....well will Peter A. are not B. have not been C. were not D. is not E. aren't
4. The villagers looked.....their leader for good examples A. up to B. on to C. up at D. forward to E. into
5. Emeka failed because the examination was.....difficult for him. A. so B. very C. highly D. too E. much
6. The dancers were all in .....before their departure. A. good spirits B. good spirit C. high spirit D. high spirits E. highspirit
7. The suspect defrauded his.....victim of large sums of money. A. unsuspected B. unsuspecting C. unexpected D. unexpecting E. suspecting
8. The judge acquitted the accused.....all the eight counts A. of B. in C. from D. upon E. on
9. My uncle is one of the.....of the society A. elitists B. elites C. elite D. elitist
10. ....all probability, the train will arrive today. A. in B. under C. for D. by E. Upon
11. I have the .....of meeting him A. privilege B. privilege C. previledge D. priviledge E. privileges
12. My price for the shoe is fifty naira. I cannot.....anything less than that. A. bear with B. settle for C. agree with D. tolerate E. settle with
13. The eldest son took a foolish decision which made him.....his claim to the traditional title. A. neglect B. yield C. disclaim D. forfeit E. neglected
14. The president's speech.....at 7pm yesterday. A. is broadcast B. has been broadcast C. were broadcast D. was broadcast E. have been broadcast
15. The students were advised to look.....difficult words in the dictionary A. in B. on C. out D. into E. up
16. Simplify  $\log_6 + \log_2 - \log_{12}$ . A. -4 B. -1 C. 0 D. 8 E. 10

17. The interior angles of a pentagon are  $(2x+5)^\circ$ ,  $(x+20)^\circ$ ,  $x^\circ$ ,  $(3x-20)^\circ$  and  $(x+15)^\circ$ . Find the value of  $x$ ? A.  $80^\circ$  B.  $70^\circ$  C.  $65^\circ$  D.  $40^\circ$  E.  $30^\circ$
18. A train travels 60km in  $M$  minutes. If its average speed is 400Km per hour, find the value of  $M$ . A. 15 B. 12 C. 10 D. 9 E. 7
19. A baker used 40% of a 50kg bag of flour. If  $\frac{1}{8}$  of the amount used was cake, how many kilograms of flour was used for the cake? A.  $2\frac{1}{2}$  B.  $6\frac{1}{4}$  C.  $15\frac{5}{8}$  D.  $17\frac{1}{2}$  E.  $19\frac{1}{3}$
20. Find the average of the first four prime numbers greater than 10. A. 20 B. 19 C. 17 D. 15 E. 13
21. Find the mean deviation of 6,7,8,9,10 A. 1.2 B. 1.5 C. 2 D. 8 E. 10
22. The variance of a given distribution is 25. What is the standard deviation? A. 125 B. 75 C. 25 D. 5 E. 3
23. Express  $\frac{7}{19}$  as a percentage, correct to 1 decimal place. A. 2.7% B. 3.7% C. 27.1% D. 36.8% E. 42.2%
24. Given that  $\log_4 x = -3$ , find  $x$  A.  $\frac{1}{81}$  B.  $\frac{1}{64}$  C. 64 D. 81 E. 102
25. A chord of circle radius 26cm is 10cm from the center of the circle. Calculate the length of the chord. A. 16cm B. 27.86cm C. 32cm D. 40cm E. 48cm
26. Find the 9<sup>th</sup> term of the arithmetic progression 18, 12, 6, 0, -6.....A. -54 B. -30 C. 30 D. 42 E. 54
27. Solve the equation  $\frac{4}{a} + \frac{1}{5a} = 3$  A.  $2\frac{1}{2}$  B.  $\frac{1^2}{5}$  C.  $\frac{1}{3}$  D.  $\frac{14}{15}$  E.  $\frac{2^4}{5}$
28. Which is the value of  $x$  satisfying the equation  $4^{2x/4} 3^x = 2$ ? A. -2 B.  $-\frac{1}{2}$  C.  $\frac{1}{2}$  D. 2 E. 3
29. Teams P and Q are involved in a game of football. What is the probability that the game ends in a draw A.  $\frac{1}{4}$  B.  $\frac{1}{3}$  C.  $\frac{1}{2}$  D.  $\frac{2}{3}$  E.  $\frac{2}{5}$
30. Find the value of  $m$  if  $13_m + 24_m = 41_m$  A. 8 B. 6 C. 5 D. 2 E. 6
31. The liberation stadium is located in.....  
A. Lagos  
B. Abuja

C. Ibadan

D. Port Harcourt

32. Who is on the face of 100 naira note.....

A. Nnamdi Azikiwe

B. Alhmadu Bello

C. Obafemi Awolowo

D. Murtala Mohammed

33. Which of this state is regarded as the home of solid minerals?

A. Ekiti

B. Plateau

C. Kano

D. Nassarawa

34. When was the first year NECO examination took place.....

A. 1996

B. 2000

C. 1986

D. 2005

35. Who was the first governor of Central Bank of Nigeria?

A. A.A. Mai-Bornu

- B. Dr. C. Isong
- C. Sanusi Lamido Sanusi
- D. Charlse Soludo

36. The House of Representatives is many up of how many members

- A. 108
- B. 774
- C. 360
- D. 180

37. What is the slogan of MTN

- A) Everywhere you go
- B) Rule your world
- C) Now you are talking
- D) Talk the talk

38. What is the full meaning of NUPENG?

- A. National Union of Petroleum and Natural Gas
- B. Nigerian Union of Petroleum and Native Gasoline
- C. National Union of Petroleum and Gas Workers
- D. Nigerian Union Palm Products and Natural Groundnuts

39. When was the naira notes introduced to replace the British pounds?

- A. 1927
- B. 1960
- C. 1973
- D. 1963

40. Where is the headquarters of the World bank situated?

- A. Washington DC
- B. London
- C. Geneva
- D. Scotland

41. devices convert human understandable data and programs into a form that the computer can process. a) Printing  
b) Output  
c) Solid state  
d) Input
42. All the deleted files go to  
a) Recycle bin  
b) Task bar  
c) Tool bar  
d) My computer
43. Which of the following places the common data elements in order from smallest to largest?  
a) Character, file, record, field, database  
b) Character, record, field, file, database  
c) Character, field, record, file, database  
d) Bit, byte, character, record, field, file, database
44. Which of the following statements is false concerning file names?  
a) Files may share the same name or the same extension but not both  
b) Every file in the same folder must have a unique name  
c) File extension is another name for file type  
d) None of these
45. A disk's content that is recorded at the time of manufacture and that cannot be changed or erased by the user is  
a) Memory only  
b) Write only  
c) Read only  
d) Run only
46. What is the first stage in the process of a dynamic risk assessment?
- A. Step forward, take control  
B. Suggest a compromise, avoid confrontation  
C. Synchronise responses , liaise with colleagues  
D. Step back, stop and think
47. A common trigger of aggression is when a person:
- A. Is surprised

B. Loses face

C. Feels understood

D. Is made to feel welcome

48. Which of these would generally be considered to indicate aggression?

A. Keeping a comfortable distance

B. Using a calm tone of voice

C. Standing with hands open and clearly visible

D. Making excessive eye contact

49. Which of these would be considered inappropriate when confronting unacceptable behaviour?

A. Being threatening

B. Showing empathy to show you understand the other person

C. Stating the consequences of the behaviour continuing

D. Being assertive

50. How can a security operative deliver a win-win resolution to a conflict situation?

A. By achieving an outcome that satisfies everyone, even if it is not the ideal solution

B. Discussing the situation with the customer and changing their point of view

C. Referring the customer to the organisation's procedures and telling them to make a formal complaint

D. Involving other security colleagues in the situation so that the customer is outnumbered

ANSWERS

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

11. A 12. B 13. D 14. D 15. E

16.  $\log 6 + \log 2 - \log 12 = \log(6 \times 2 / 12)$

$\Rightarrow \log 1 = 0 \dots C$

17. C

18.  $\text{Speed} = \text{distance} / \text{time} \Rightarrow 400 = 60 / M \quad M = 60 / 400(\text{hrs})$

Hence  $M = 0.15 \times 60 = 9\text{mins} \dots D$

19. A

20.  $\frac{40}{100} \times 50 = 20\text{kg}$  of the flour was used

$\frac{1}{8} \times 20 = 2\frac{1}{2}\text{ kg}$  was used for cake .....A

21. Mean =  $\frac{6+7+8+9+10}{5} = 8$

$$\text{Deviation} = \frac{(6-8) + (7-8) + (8-8) + (9-8) + (10-8)}{5}$$

$$= \frac{6}{5} = 1.2 \dots\dots A$$

22. Standard deviation =  $\sqrt{\text{variance}}$

$$\text{S.D} = \sqrt{25} = 5 \dots\dots D$$

23. D

24.  $\log_4 x = -3$

$$4^{-3} = x \Rightarrow x = \frac{1}{4^3} = \frac{1}{64} \dots\dots B$$

25. B

26.  $a + (n-1)d = \text{nth}$

$$18 + (8 \times [-6]) = 9^{\text{th}} \Rightarrow 9^{\text{th}} = -30 \dots\dots B$$

$$27. \frac{4}{a} + \frac{1}{5a} = 3 \Rightarrow \frac{20+1}{5a} = 3$$

$$21 = 15a \Rightarrow a = \frac{7}{5} = 1\frac{2}{5} \dots\dots B$$

$$28. \frac{4^{2x}}{4^x} = 2 \Rightarrow 4^{-x} = 2$$

$2^{-2x} = 2^1$  (equate indices)

$$-2x = 1 \Rightarrow x = -\frac{1}{2} \dots\dots B$$

29. Pr(P) will win =  $\frac{1}{2}$

Pr(Q) will win =  $\frac{1}{2}$

Pr(P) will lose =  $1 - \frac{1}{2} = \frac{1}{2}$

Pr(Q) will lose =  $1 - \frac{1}{2} = \frac{1}{2}$

Prob that both will draw =  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$  .....A

30.  $13m + 24m = 41m$

$1xm + 3xm^0 + 2xm + 4xm^0 = 4xm + 1xm^0$

$m + 3 + 2m + 4 = 4m + 1$

$3m + 7 = 4m + 1 \Rightarrow m = 6$  .....B

31. D 32. C 33. D 34. B 35. A 36. C 37. A 38. A 39. C 40. C

41. D 42. A 43. D 44. D 45. C 46. D 47. B 48. D 49. A 50. A

### QUESTION SET 2

1. The building.....because of weak structural foundation. A. tumbled B. succumbed C. somersaulted D. collapsed E. colapsed
2. Since the write did not indicate his name, the editor decided not to publish such .....article A. a discourteous B. an anonymous C. a cowardly D. a libelous E. unfriendly
3. He was charged with complicity .....the abortive coup. A. in B. for C. about D. on E. with
4. ....of what he said made no sense A. much B. majority C. plenty D. many E. much
5. ....things she had in the room were thrown out. A. so few B. the few C. all few D. very few E. a few

In each of questions, choose the words(s) or phrase(s) which best fills the gap(s) 6. The sea wave continue to .....the cliff on the West Coast constantly. A. impair B. rub C. knock D. erode

7. The college bus was travelling at a high.....when the accident occurred. A. velocity B. acceleration C. rapidity D. speed
8. Note that only seniors members of staff have the.....of using the toilet upstairs. A. permission B. occasion C. privilege D. habit
9. The chief priest will.....the men into the cult today. A. indoctrinate B. usher C. convert D. initiate



10. Obi is noted for his.....attitude to his seniors at school. A. receptive B. respectful C. respective D. respectable

11. The girl that my brother introduced to us last week is pretty.....ill -mannered. A. and B. but also C. as well D. respectable

12. The police report was.....to that of the eye witness. A. contrary B. inconsistent C. different D. congruent

13. The African extended family system gives security to.....members. A. his B. her C. its D. their

14. I know I .....read more but am tired. A. may B. ought to C. would D. could

15. Insects can become.....to insecticides A. immunized B. resistant C. reticent D. immobilized

16. The number of milliliters in 1 liter is

- A. 10,000
- B. 1,000
- C. 0.1
- D. 0.01
- E. 0.001

17. The cost to ride on a ferry is \$5.00 per vehicle and driver with an additional cost of 50 cents per passenger. If the charge to get on the ferry is \$6.50, how many people were in the vehicle?

- A. 1
  - B. 2
  - C. 3
  - D. 4
  - E. 5
18. What is  $\frac{1}{9}$  of 9?

- A.  $\frac{1}{9}$
- B. 0
- C. 1
- D. 2
- E. 3

19. In his pocket, a boy has 3 red marbles, 4 blue marbles, and 4 green marbles. How many will he have to take out of his pocket to ensure that he has taken out at least one of each color ?

- A. 3



- B. 7
- C. 8
- D. 9
- E. 11

20. Which fraction is equal to 0.20%?

- A.  $\frac{1}{20}$
- B.  $\frac{1}{40}$
- C.  $\frac{1}{50}$

D.  $1/400$

E.  $1/500$

21. Find the missing term in the following sequence: 4, 9, 19, , 79

A. 36

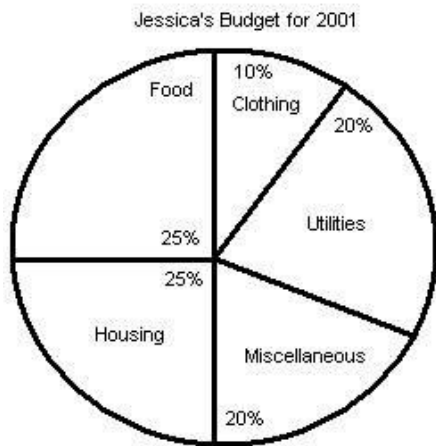
B. 37

C. 38

D. 39

E. 40

22. How much money did Jessica's bud get allow for housing in April of 2001?



Jessica's Monthly Earnings from January 2001 to June 2001

January	\$2578
February	\$2432
March	\$2868
April	\$2490
May	\$2622
June	\$2555

A. \$617.80

B. \$620.92

C.

\$622.50

D. \$626.38

E. \$633.20

23. What was the average amount of money that Jessica's budget allowed for clothing the first six months of 2001?

A. \$249.90

B. \$250.40

- C. \$251.32
- D. \$253.33
- E. \$255.75

24. If Jessica only spent 20% instead of the 25% allotment for food in May of 2001, how much did she save?

- A. \$131.10
- B. \$144.30
- C. \$148.32
- D. \$152.22
- E. \$153.33

25. Jonathan can type a 20 page document in 40 minutes, Susan can type it in 30 minutes, and Jack can type it in 24 minutes. Working together, how much time will it take them to type the same document?

- A. 5 minutes
- B. 10 minutes
- C. 15 minutes
- D. 18 minutes
- E. 20 minutes

26. Of the following fractions, which is less than  $\frac{2}{3}$ ?

- A.  $\frac{7}{8}$
- B.  $\frac{5}{6}$
- C.  $\frac{3}{4}$
- D.  $\frac{3}{5}$
- E.  $\frac{5}{7}$

27. A hockey team won 6 games and lost 8. What is the ratio of wins to number of games?

- A.  $\frac{6}{8}$
- B.  $\frac{8}{6}$
- C.  $\frac{3}{7}$
- D.  $\frac{8}{14}$
- E.  $\frac{6}{7}$

- A.
28. Sue receives a base salary of \$90 weekly plus a 12% commission on all sales. Sue had \$3,000 in sales this week. How much did she make total?
- \$375
  - B. \$450
  - C. \$480
  - D. \$510
  - E. \$525
29. If the perimeter of a rectangular house is  $25 \frac{1}{3}$  yards, and the length is 22 feet. What is the width?
- A. 16 feet
  - B. 35 feet
  - C. 37 feet
  - D. 40 feet
  - E. 42 feet
30. Jimmy made a 15% profit on the sale of a custom designed boat, and the original cost of the boat was \$15,000. The boat sold for how much?
- A. \$17,250.00
  - B. \$16,540.44
  - C. \$16,230.34
  - D. \$15,980.55
  - E. \$15,870.88
31. What is a fire triangle?
- A. A triangle shaped building which is highly prone to fire
  - B. A triangular shaped area in the forest which is marked by the fire marshals as a possible area where wild fires can occur
  - C. A traffic signal used to mark the locations in highways where fires can occur
  - D. A triangular illustration of the three elements a fire needs to ignite: heat, fuel, and an oxidizing agent (usually oxygen)

32. After the detention of a person, a security guard can lawfully search the person under the following scenarios?

- A. When there is a perceived or actual element of danger, or when the search is directly linked to the reason for the arrest/ detention.
- B. When the security guard has probable or reasonable grounds to believe that the person has a concealed weapon.
- C. A security guard can never conduct a thorough search of a person under any circumstance.
- D. When the search is expected to produce evidence to a criminal offence.

33. As a security guard, what do you understand about the term “Piggybacking”?

- A. Piggybacking refers to when an unauthorized person tags along with an authorized person to gain entry into a restricted area
- B. A practice used by truckers to smuggle contraband products along with live animals
- C. Riding on the shoulders of another person in shopping malls, which can cause body injury or property damage
- D. Holding the door open for women and invalid persons

34. As a Security guard what is the purpose for Patrol?

- A. When securing isolated locations, if a security guard is in danger, petrol can be used to create a signalling fire to call for help from the police
- B. Petrol (gasoline) is an essential item to be stored and made available as and when needed. Otherwise in emergency situations you can run out of gas
- C. Petrol (gasoline) is a highly combustible liquid. As a security guard one should watch out for criminals planning attacks using petroleum products
- D. Foot patrol is often a major part of a security guard's duties. It will help to discover suspicious activities or situations and will help to prevent them.

35. Which materials among the ones listed below can cause a class B fire?

- A. Wood, paper, cloth

- A.
- B. Metal, Dry leaves, Tree branches
- C. Gasoline, oil, grease
- D. Electrical equipment, House hold garbage

36. You are standing security guard/proprietary private security officer inside a department store and you observe two men coming out of a bar across the street. T hey start to fight. you should:

Call and gather up all other security staff in the store as a show of strength

- B. Make an announcement over the store's public address system to warn the customers
- C. Go over and try to break up the fight.
- D. Call the police if you can remain at your post.

37. In order to maintain a good working relationship with the local law enforcement, you should:

- A. All the other three answers are correct
- B. Never play "cop."
- C. Cooperate with local law enforcement.
- D. Once the local law enforcement is present, you must obey their directions.

38. While on patrol in a shopping mall you come across a disabled person having problems with their wheelchair. Wh at will you do?

- A. Since the person is obstructing the free flow of mall traffic, move the wheel chair to the side
- B. Help the person with the needed assistance
- C. Call the police since they are better equipped to handle this kind of situations
- D. Recommend a better brand of wheel chair which will have less problems

39. While you are on your patrol, you come across an injured person. He refuses your offer to help even after you assure him that you are trained in first aid. What is your best course of action under this situation?

- A. Provide the medical care without the consent of the person
- B. Since the person refused your help, just note down the incident on your incident report, and indicate that you offered to assist the person
- C. Call police to request for an ambulance and medical help and wait until the help arrives
- D. Call police to report the incident and then go back to your station

40. The primary role of a security guard/ proprietary private security officer should be to ?



- A. Arrest law breakers.
- B. Enforce the law.
- C. Protect people and property.
- D. Act like a peace officer.

(41). Which state is regarded as the Jewel of the Savannah...?

- A. Jigawa
- B. Gombe
- C. Yobe
- D. Imo

(42). Which of these was never an electoral chairman in Nigeria?

- A. Prof. Attahiru Jegga
- B. Prof. Humphrey Nwosu
- C. Prof. Maurice Iwu
- D. Prof. Musa Alkali

43. The first American elected president was

- A. George Bush
- B. George Washington
- C. Jimmy Carter
- D. Bill Clinton

44. Which country has withdrawn its membership from the ECOWAS?

A.  
A. Mauritania

B. Ghana

C. Cote d'ivoire

D. Mali

45. The largest lake in Africa is  
Lake Chad

B. Lake Victoria

C. Lake Limpopo

D. Lake Bruz

46. The Nigeria's first university graduate president was

A. Yakubu Gowon

B. Olusegun Obasanjo

C. Shehu Shagari

D. Alh. Umaru Musa Yar'adua

47. The GSM intercellular telecommunication was introduced in Nigeria in

A. July, 2001

B. May, 1999

C. April, 2000

D. February, 2001

48. The first female speaker of the house of representative was

A. Mrs. Patricia Etteh

A.

B. Mulikat Akande

C. Virgy Etiaba

D. Alele Williams

49. The African best footballer of the year 2013 is

A. Samuel Etoo

B. Didier Drogba

C. Yahaya Toure

D. Asamoah Gyan

50. The agency that regulates telecommunication operates in Nigeria is the

National Communications Commission

B. National Communications Control

C. Nigerian Communications Commission

D. Nigerian Communications Control

ANSWERS

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

EXPLANATIONS

21. B: There are 1,000 milliliters in 1 liter.

22. D: The problem may be modeled with the equation,  $6.50 = 5.00 + 0.50x$ , where  $x$  represents the number of passengers. Solving for  $x$  gives  $x = 3$ . Thus, there were 3 passengers, plus 1 driver, for a total of 4 people in the vehicle.

23. C: This problem may be represented as  $1/9 \cdot 9$ , which equals 1.

24. D: Taking out 3 of each color will ensure that he has 1 of each color. Thus, he needs to take out 9 marbles, in all.

25. E:  $0.20\% = 0.002$ , and  $1/500=0.002$ .

26. D: The increase from term to term is twice the increase from the previous two terms. Thus, the increase from 19 to the missing term will be 20, or twice the increase of 10. Thus, the missing term is equal to  $19 + 20$ , or 39.

27. C: The solution may be modeled by the expression,  $0.25(2490)$ . Thus, her budget allowed \$622.50 for housing in April of 2001.

28. E: The average may be represented as  $(0.10(2578)+0.10(2432)+0.10(2668)+0.10(2490)+0.10(2622)+0.10(2555))/6$ , which simplifies as  $(257.80+243.20+266.80+249.00+262.20+255.50)/6$ , or 255.75. The average budget amount for clothing in the first six months of 2001 was \$255.75.

29. A: The amount she saved may be represented by the expression,  $0.25(2622) - 0.20(2622)$ , which equals 131.10. Thus, she saved \$131.10.

30. B: The problem may be modeled with the equation,  $1/40+1/30+1/24=1/t$ . Solving for  $t$  gives  $t = 10$ . Thus, working together, they can type the same document in 10 minutes.

### QUESTION SET 3

Without science there is no future for any society. Even with science, ...(1)... it is controlled by some spiritual impulses, there is no future. One great thing about science is that it does not accept anything on mere ...(2)... everything has to be ...(3)... beyond any doubt. All acceptance comes after experiment which has no room for any ...(4)... This is the reason ...(5)... development of science and technology has revolutionised human life all over the world. There are very few spheres of human activity which have not experienced the ...(6)... of such development. However, despite its manifold ...(7)... science has not been ...(8)... to solve any of man's moral or spiritual problems. Society is still ...(9)... in the dark to find out what its future will be. The need, therefore, is to make science ...(10)... for the ultimate truth.

1. -----

- A. unless      B. without
- C. if      D. before
- E. because

2. -----

- A. principles      B. conjecture
- C. experiment      D. research
- E. experience

3. -----

- A. accepted      B. demonstrated
- C. Proved      D. performed
- E. understood

4. -----



A. precision

B. exactness

C. confirmation

D. speculation

E. apprehension

5. -----

A. for

B. how

C. that

D. about

E. why

6. -----

A. impact

futility

B.

C. causes

D. problems

E. nature

7. -----

A. limitations

B. Benefits

C. shortcomings

D. Researches

E. inventions

8. -----

A. employed

B. developed

C. able

D. entrusted

E. taught

9. -----



- A. engulfed      B.      lost
- C. enlightening      D.      investigating

E. groping

10. (solve as per the direction given above)

A. useful B. worthy

C. ready D. search

E. fit

In each question below a sentence broken into five or six parts. Join these parts to make a meaningful sentence. The correct order of parts is the answer.

11. 1. I 2. immediately 3. salary

4. my 5. want

A. 43152

B. 15432

C. 25143

D. 42351

E. 45132

12. 1. do 2. today 3. you

4. must 5. it

A. 34152

B. 25413

C. 12543

D. 51324

E. 45213

13. 1. left 2. the 3. house

4. he 5. suddenly

A. 12435

B. 21354

C. 45123

D. 52341



E. 24135

14. 1. medicine 2. a 3. Neeta  
4. given 5. was

A. 51423

B. 25431

C. 15423

D. 42531

E. 35421

15. 1. of 2. we 3. heard  
4. him 5. had

A. 42351

B. 52341

C. 25341

D. 25431

E. 25314

16) A works twice as fast as B. If B can complete a work in 12 days independently, the number of days in which A and B can together finish the work is

- A. 4 days
- B. 3 days
- C. 6 days
- D. 5 days

17) A, B and C can do a piece of work in 15 days, 10 days and 6 days respectively. How long will they take to do it, if all the three work together?

- A. 7 days
- B. 5 days
- C. 3 days
- D. 2.5 days

18) The length of a bridge which a train 130 m long and traveling at 45kmph can cross in 30 seconds, is

- A. 180m
- B. 210m
- C. 225m
- D. 245m

- 19) On selling 17 balls at N 720, there is a loss equal to the cost price of 5 balls. What is the cost price of a ball?  
A. N 43 B. N 60  
C. N 55 D. N 34
- 20) A wheel that has 6 cogs is meshed with a larger wheel of 14 cogs. If the smaller wheel has made 21 revolutions, what will be the number of revolutions made by the larger wheel? A. 15 B. 12  
C. 21 D. 9
- 21.) P sold his bicycle to Q at a profit of 10%, Q sold it to R for N209.00 at a loss of 5%. How much did the bicycle cost P. A. N200.00 B. N196.00 C. N180.00 D. N205.00 E. N150.00
- 22) A man invested a total of N50,000.00 in two companies. If these companies pay dividends of 6% and 8% respectively, how much did he invest at 8% if the total yield is N3,700.00? A. N15,000.00 B. N21,400.00 C. N27,800.00 D. N29,000.00 E. N35,000.00
- 23) Thirty boys and X girls sat for a test. The mean of the boys' scores and that of the girls were respectively 6 and 8. Find X if the total score was 468? A. 38 B. 24 C. 36 D. 22 E. 41
- 24) James chooses at random a number between 1 and 300. What is the probability that the number is divisible by 4? A.  $\frac{1}{3}$  B.  $\frac{1}{4}$  C.  $\frac{1}{5}$  D.  $\frac{4}{300}$  E.  $\frac{1}{300}$
- 25) P varies directly as the square of Q and inversely as R. If P = 36 when Q =3 and R =4, find P when Q =5 and R =2. A. 72 B. 100 C. 90 D. 200 E. 125
- 26) Factorize  $6x^2 - 14x - 12$  A.  $2(x+3)(3x - 2)$  B.  $6(x-2)(x+1)$  C.  $2(x - 3)(3x+2)$  D.  $6(x+2)(x - 1)$  E.  $(3x-4)(2x+3)$
- 27) If  $2x+3y=1$  and  $x-2y=11$ , find  $(x+y)$ ? A. 5 B. -3 C. 8 D. 2 E. -2
- 28) Which one of the following gases is predominant in the atmosphere?  
A. Argon  
B. Nitrogen  
C. Carbon Dioxide  
D. Oxygen
- 29) Which one among the following has the highest energy?  
A. Blue light  
B. Green light  
C. Red light  
D. Yellow light
- 30) Which of these is not a mosquito borne disease?  
A. Dengue fever  
B. Malaria

- C. Filariasis
- D. Goitre

31) Which of the following uses non -conventional Source of E nergy?

- A. Kerosene lamp
- B. Wax candle
- C. Solar lantern
- D. Torch

32) Which of the following planets rotates clock wise?

- A. Pluto
- B. Jupiter
- C. Venus
- D. Mercury

33. The NSCDC College of Peace and Disaster management is in which state?

- A. Lagos
- B. FCT
- C. Katsina
- D. Kaduna

34. The NSCDC is statutorily empowered by Act. No. 2 of

- A. 1960
- B. 2003
- C. 1999
- D. 1963

35. The NSCDC was formally known as

- A. Lagos Civil Defence Committee
- B. Nigerian Blue Army
- C. Federal Defence Corps
- D. Defence and Protection Corps of Nigeria

36. Which president signed into law the statutory backing of the NSCDC?

A. Yakubu Gowon  
B. Shehu Shagari

C. Olusegun Obasanjo

D. Muhammadu Buhari

37. When was the first military coup carried out in Nigeria?

A. 1966

B. 1965

C. 1967

D. 2968

38. How many local Government do we have in Nigeria?

A. 778

B. 775

C. 774

D. 776

39. Who is the first Nigerian president?

A. Dr Nnamdi Azikiwe

B. Abubakar Tafa Balewa

C. Obafemi Awolowo

D. Alhmadu Bello

40. Which country's flag is called the Union Jack?

A. France

B. Germany

C. Great Britain



D. Israel



ANSWERS

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

11. B 12. A 13. C 14. E 15. E 16.A 17.C 18.D 19.B 20.D

21. P sold his bicycle to Q at a profit of 10%, Q sold it to R for N209 at a loss of 5%. How much did it cost P? Let the selling price (SP) from P to Q be represented by x i.e. SP = x at 10%

$$\text{Cost price(CP)} = \frac{100}{100} + 10x = \frac{100}{100} \text{ of } x$$

When Q sells to R; SP = N209 at a loss of 5%

R cost = Q selling price

$$CP = \frac{100}{95} \times 209 = 220$$

This is P's selling price, therefore Cost price to P

$$CP = \frac{100}{110} \times 220 = \text{N}200 \dots \text{A}$$

22. Total yield = N3,700

Total amount invested = N50,000

Let x be the amount invested at 6% interest and let y be the amount invested at 8% interest

$$\text{Then yield on } x = \frac{6}{100}x \text{ and yield on } y = \frac{8}{100}y$$

100 100

$$\text{Hence } \frac{x}{100} + \frac{y}{100} = 3700 \dots\dots(i)$$

$$x+y = 50,000 \dots\dots(ii)$$

$$x + 8y = 370,000 \times 1 \text{ and } x+y = 50,000 \times 6$$

$$x + 8y = 370,000 \dots\dots(iii)$$

$$x + 6y = 300,000 \dots\dots(iv)$$

Subtract (iii) from (iv)  
 $2y = 70,000 \Rightarrow y = 35,000$

Hence the money invested at 8% is N35,000 .....E

23. Number of boys = 30; Number of girls = x

Mean score of boys = 6, mean score of girls = 8

Total score for boys =  $36 \times 6 = 216$

Total score for girls =  $8x$

But total score for both boys and girls = 468

$$\therefore 180 + 8x = 468 \Rightarrow x = 36 \dots\dots C$$

24. Number divisible by 4 between 1 and 300 include 4,8,12,20 etc

To get the number of figures divisible by 4, we solve using arithmetic progression.

Let x represent the numbers divisible by 4 nth term =  $a + (n - 1)d$ ;  $a = 4, d = 4$

$$\text{Last term} = 4+(n - 1)4$$

288 is the last number divisible by 4 between 1 and 300

$$\therefore 288 = 4+4n - n \Rightarrow n = 72$$



Probability of  $x = \frac{72}{288} = \frac{1}{4}$  .....B

25.  $p \propto q^2 \Rightarrow p = \frac{kq^2}{v}$

$36 = \frac{32k}{4} \Rightarrow k = 16$

Also,  $p = \frac{16q^2}{v} = \frac{16 \times 5^2}{2} = 200$  .....D

26.  $6x^2 - 14x - 12 \Rightarrow (3x+2)(2x-6)$

$(3x+2)2(x-3)$ .....C

27.  $2x + 3y = 1$  .....(i) and  $x - 2y = 11$  ....(ii)

Multi ply (i) by 2 and (ii) by 3  
 $4x+6y = 2$  ....(iii)

$3x-6y = 33$  .....(iv) .....solve simultaneously

$7x = 35 \Rightarrow x = 5$  ...substitute for x

$10 + 3y = 1 \Rightarrow y = -3$

$\therefore x+y = 5+(-3) = 2$  .....D

- 28.B 29.C 30.A 31.A 32. D 33.B 34. B 35. A 36. C 37. A 38. D 39. A 40. C



**1. An incident occurs which results in arrest. *When* should this be reported to police?**

- (A) After the security officer's notes are completed
- (B) After the arrested person's statement has been taken
- (C) After site management has been informed and briefed
- (D) Immediately after the arrest

**2. Identify the *false* statement regarding access control systems:**

- (A) Biometric data, such as fingerprints, is used to allow access
- (B) They are entirely dependent on human actions
- (C) They are dependent on pass codes, key words or other forms of input
- (D) Physical forms of access such as cards or key chains are required

**3. In search documentation, identify which data does *not* require recording:**

- (A) The searched person's name
- (B) The searched person's signature
- (C) Estimated value of found items
- (D) Time and date of search

**4. Identify the *main* reason for the important of hand-overs between shifts:**

- (A) To ensure proper logging and disposal of any seized property
- (B) To brief and equip incoming officers properly for security maintenance
- (C) To hand over incomplete logs, records and other written documents
- (D) To make note of any officers who are late for their shift

**5. Continuous monitoring and observation of persons under arrest is important. Identify the *main* reason for this importance:**

- (A) To discourage others from committing the same offense
- (B) To communicate to the arrested person just how much trouble they're in
- (C) To obtain a full confession before police officers arrive
- (D) To ensure the safety of the arrested person and others



**6. Regarding searches, identify the *true* statement:**

- (A) If the owner gives permission, a security officer may remove objects from a pocket or bag
- (B) A security officer may remove objects from a pocket or bag if the owner refuses to do so
- (C) Permission to search pockets and bags is not required as long as the search is supervised
- (D) A security guard may never place their hands into a pocket or bag

**7. According to the Human Rights Act of 1998, which of the following is *not* a right?**

- (A) Prohibition on discrimination
- (B) The right for respect for private and family life
- (C) The right to a fair trial
- (D) The right to avoid arrest

**8. After fire alarm activation, what is a security officer's *first* step?** (A)

- Identify the nature and location of the incident by inspecting the control panel
- (B) Summon the appropriate emergency services agency immediately
- (C) Wait for confirmation from a duty manager
- (D) Evacuate the site to protect health and safety

**9. Identify the *main* purpose of a control room:**

- (A) Coordination of shifts and payments
- (B) Providing a comfortable spot for security personnel to relax
- (C) Operating according to current health and safety regulations
- (D) Acting as the 'command central' for all safety personnel and their required activities

**10. Identify the *true* statement regarding the offense of trespass:**

- (A) It is a civil offense and security officers can't make an arrest
- (B) It is a criminal offense and only police officers can make an arrest
- (C) Security officers should immediately arrest trespassers and then hand them over to police
- (D) It is a contract law offense and is always prosecuted

**11. Which of the following should be done if a site visitor *refuses* to be searched?**

- (A) Hold the person's property and call a manager for assistance
- (B) Make an arrest and call the police
- (C) Note the person's refusal but allow them onto the property
- (D) Let them go but refuse admittance onto the property



12. **If a correction is necessary in a security officer's pocket notebook, how should it be made?**
  - (A) By drawing a single line through the altered information and initialing the change
  - (B) By ripping out the entire page
  - (C) By using correction fluid and writing on top of it
  - (D) By writing the correction on a separate piece of paper and placing it in the notebook
  
13. **Under which type of law is assault considered an offense?**
  - (A) Tort law
  - (B) Contract law
  - (C) Criminal law
  - (D) Civil law
  
14. **Regarding fire alarm panels, what does a red light indicate?** (A) A fire inspection is due and a security officer should arrange one right away
  - (B) During the next patrol, the incident should be investigated
  - (C) A fault or short has occurred and must be fixed
  - (D) A fire alarm is activated and immediate response is necessary
  
15. **The Data Protection Act of 1998 states that data must be:**
  - (A) Up to date and accurate
  - (B) Retained for 5 years
  - (C) Manually processed
  - (D) As detailed as humanly possible
  
16. **Regarding electronic security systems, which of the following is not considered a main function?**
  - (A) Change of state monitoring control
  - (B) Change of state detection
  - (C) Detaining those responsible for changes of state
  - (D) Causing the system to take action when a change of state is detected
  
17. **Identify a defining aspect of random searches:** (A) Everybody entering the area is searched
  - (B) Only certain persons or groups are searched
  - (C) Potential hiding spots are searched routinely
  - (D) An agreed-upon system is used to select persons to search

18. On *patrol*, which of these *must* a security officer carry at all times?
- (A) Site map
  - (B) Incident record book
  - (C) Handcuffs
  - (D) Notebook

19. Which of the following is *true* regarding statutory agency representatives?
- (A) They can rope off or shut down any area they choose
  - (B) A warrant is required before they can gain admittance
  - (C) They do not need to show any identification
  - (D) Management permission is required before they take statements
20. Identify the statement which *best* describes hearsay: (A) An eyewitness statement
- (B) Photocopies, photographs and images of evidence
  - (C) A statement of something one person heard another person say (D) Any evidence which doesn't provide a solid lead or conclusion
21. On patrol, vigilance is important. Name the *main* reason for this:
- (A) Increased officer job satisfaction
  - (B) A reduction of necessary patrols
  - (C) Higher fees charged for security services
  - (D) Ensuring a safe and effective patrol
22. Regarding temporary passes, what is a security officer's *main* duty?
- (A) Enhanced efficiency through pre-prepared passes
  - (B) Only issuing passes to first-time visitors
  - (C) Using only capital letters to make passes easier to read
  - (D) Ensuring that each pass is signed out and returned when visitors leave
23. When might the use of force be judged as *not* reasonable?
- (A) When it is used to carry out a search
  - (B) When it is used to prevent or stop a crime
  - (C) When it is used to protect yourself or another individual
  - (D) When it is used to make an arrest
24. Identify the correct *phonetic* alphabet for "PFT"
- (A) Piper-Flower-Tiramisu
  - (B) Peter-Flight-Tactical
  - (C) Peppermint-Focus-Touch
  - (D) Papa-Foxtrot-Tango
25. Unauthorized property is discovered during a search. Identify the *first* step an officer should take:
- (A) Deny site access and hold the property in question
  - (B) File a police report but allow the person to retain the property
  - (C) Give the unauthorized property back but request off-site disposal

- (D) Request to know why the person is in possession of the property
26. **Regarding incident reports, identify the *true* statement:**
- (A) At least one other security officer must witness incident report completion
  - (B) It is acceptable for an officer not involved in the incident to complete the report
  - (C) Signing and dating is the responsibility of the officer completing the report
  - (D) The report must contain the home addresses of all involved parties
27. **Assignment instructions can *best* be described as:**
- (A) A necessary manual allowing officers to carry out their instructions
  - (B) Operational procedure rule details
  - (C) An employment contract
  - (D) Health and safety assessment records
28. **What is the *main* benefit of access control?** (A) Site visitors are permanently recorded
- (B) Health and safety legislation compliance
  - (C) Enhanced timekeeping records
  - (D) Reduction of criminal activity
29. **Where should brief details regarding incidents or activities be recorded?**
- (A) Search register
  - (B) Duty sheet
  - (C) Patrol log
  - (D) Site log
30. **Which of these types of patrols is *not* officially recognized?**
- (A) Occasional
  - (B) Initial
  - (C) Subsequent
  - (D) Specific
31. **When an arrest is required, which of the following *must* be provided to the individual under arrest?**
- (A) The location of their detainment
  - (B) The reason for which they are being arrested
  - (C) Telephone access for calling legal representation
  - (D) Details regarding their statutory rights
32. **At a crime scene, what *must* be done to preserve evidence?** (A) Collect, store and label all items in plastic bags
- (B) Patrol the crime scene to ensure all criminals are gone
  - (C) Keep careful notes on what has been left behind, moved or taken away

- (D) Help investigating officers by cleaning up the scene
33. **Choose the *best* definition of a false alarm from the following:** (A)  
An alarm only emergency services can deal with  
(B) An alarm which has been triggered by a member of the general population  
(C) An alarm which creates an unnecessary response (D)  
An alarm which needs to be ignored
34. **Completing incident reports properly is very important. Which of the following is a *main* reason this is true?**  
(A) It prevents any legal action being taken by involved third parties  
(B) It provides a permanent record of incidents  
(C) It allows all involved parties to agree on precisely what occurred  
(D) It prevents any different viewpoints from coming forward regarding an incident
35. **At sites with visitor-search policies, which of these is a *minimum* requirement?**  
(A) An informative sign is displayed regarding search policies  
(B) Visitors are informed in advance through a letter  
(C) Full details are provided as to what a search might involve (D)  
Every single visitor is searched to ensure policy fairness
36. **On patrol, what is a security officer's *first* priority?**  
(A) Preventing property loss and damage  
(B) Ensuring their own safety  
(C) Preserving site integrity  
(D) Ensuring others' health and safety
37. **What should a security officer do *before* beginning a patrol?**  
(A) Discuss shift patrol numbers with co-workers  
(B) Let the control room know they are beginning a patrol  
(C) Ensure that visitor passes match previous-shift records  
(D) Review the accident log to learn about previous shift activity
38. **Which of the following is a *PPE* (personal protective equipment) which might be required by a security officer?**  
(A) Key card  
(B) Record book  
(C) Wet-weather gear  
(D) Personal communications device
39. **Which of the following is a *primary* security officer responsibility?**  
(A) Observe and report crimes  
(B) Support and assist first-responder emergency personnel  
(C) Protect the people, area and property to which they are assigned  
(D) Oversee who leaves and enters their assigned area



40. Identify the *true* statement pertaining to confidential information:
- (A) It can be discussed with trusted friends, family and coworkers
  - (B) Holding confidential information is unnecessary for a security officer
  - (C) The consequences of disclosing such information can be serious
  - (D) Disclosing such information to unauthorized persons is acceptable

**Answers**

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



