OGITECH POST- UTME EXAMINATION PAST QUESTIONS AND ANSWERS
**SECTION A**

Q1 One very important aspect of human relationship is .......... trust.
A communal  
B individual  
C mutual  
D personal  
Answer: C

Q2 The two tasks were performed .......... and we were able to finish early.
A alternatively  
B simultaneously  
C consecutively  
D separately  
Answer: B

Q3 The committee is charged with finding a .......... solution to the crisis.
A lengthy  
B current  
C lasting  
D strong  
Answer: C

Q4 We are worried by the .......... that exist between the two factions of the party.
A distraction  
B commotion  
C confusion  
D rivalry  
Answer: D

Q5 Our teacher was not speaking .......... when he said that the bursar was under a cloud.
A literally  
B simply  
C frankly  
D directly  
Answer: A

Q6 The signature on the document lacked .........., so, it was rejected.
A clarity  
B authentically  
C formality  
D simplicity  
Answer: B

Q7 Everyone could tell that Binta was happy from the .......... on her face
A picture  
B appearance  
C expression  
D sight  
Answer: C

Q8 His last novel was .......... by his visit to the prisons
A inspired  
B generated  
C conceived  
D revealed  
Answer: A

Q9 As a result of the power cut, production at the paint factory came to a ..........  
A hold - up  
B blockade  
C stand still  
D suspense
Answer: C

Q10 Several .......... were passed at the meeting.
A memoranda
B decisions
C resolution
D actions
Answer: C

Q11 Why are you always jealous .......... other people?
A of
B at
C about
D with
Answer: A

Q12 It is sad that the rich .......... pity the poor.
A doesn’t
B don’t
C do
D did
Answer: B

Q13 The motorcycle nearly hit Jane and .......... 
A me
B I
C myself
D mine
Answer: A

Q14 I found my friends sitting .......... the beach.
A in
B at
C under
D on
Answer: A

Q15 It is about time you .......... to bed.
A go
B have gone
C went
D should go
Answer: C

Q16 We shall not .......... WASSCE next May
A sit in
B sit at
C sit
D sit to
Answer: A

Q17 One of his close friends .......... a soldier
A is
B are
C have been
D were
Answer: A

Q18 Does Omar .......... in the city?
A lives
B lived
C live
D living
Answer: C
Q19 The meeting of the .......... will come later today.
A secretaries general
B secretary generals
C secretaries generals
D secretary generals'
Answer: A

Q20 His father has a .......... 
A round wooden beautiful table
B wooden round beautiful table
C beautiful wooden round table
D beautiful round wooden table
Answer: D

Q21 The teachers don't teach us, ..........?
A do they
B don't they
C didn't they
D isn't it
Answer: A

Q22 We are no .......... friends
A more
B longer
C again
D always
Answer: B

Q23 Can you tell us how the accident came ..........?
A up
B by
C out
D about
Answer: D

Q24 She wondered if the water was not .......... hot for drinking
A very
B too
C so
D much
Answer: B

Q25 The robbers were subjected .......... a thorough beating by the irate mob.
A to
B by
C with
D for
Answer: A

Q26 The cook should have .......... the pepper and the tomatoes together
A ground
B grind
C grinds
D grounded
Answer: A

Q27 My friends will not believe me if I .......... them this story.
A tell
B told
C an telling
D will tell
Answer: B
Q28 Even before his burial, Okoye's family members were already planning how to share his wealth ......... themselves.
A between
B with
C among
D to
Answer: C

Q29 The principal advised all the students to be of help to ..........
A one other
B themselves
C the other
D one another
Answer: D

Q30 Mr. Ackon needed ........ help to succeed in the business
A a little
B a few
C little
D few
Answer: A

Q31 Susan has been urging me to join the ..........
A Girl Guides
B Girls Guide
C Girls Guides
D Girl Guide
Answer: B

Q32 Three kilometres ........ quite a long distance
A are
B have been
C is
D were
Answer: C

Q33 If they had known us, they ..........
A will not treat us like that
B would not treat us like that
C will not have treated us like that
D would not have treated us like that
Answer: D

Q34 The teacher made us ......... five poems each
A recite
B recited
C recites
D reciting
Answer: A

Q35 Each one of the chosen contestants ........ lunch with the patron
A has had
B have had
C are having
D have
Answer: A

Q36 The teacher needs ........ to write the note on the chalkboard
A chalks
B a chalk
C some chalk
D many chalks
Answer: C
Q37 Madam Abike turned .......... 13 bags of maize at the first harvest
A on
B out
C up
D in
Answer: B

Q38 The teacher, as well as hi9s students, .......... working very hard
A is
B have been
C are
D were
Answer: A

Q39 My mother remarked that it was high time we .......... preparing the supper
A were starting
B had started
C started
D should start
Answer: C

Q40 Though Yusuf is a much younger lawyer, you cannot compare his eloquence .......... his master’s
A by
B with
C from
D for
Answer: B

Q41 All we need .......... dedicated teacher
A are
B was
C is
D were
Answer: C

Q42 The student wondered why the sun constantly rises .......... the east
A in
B by
C from
D within
Answer: C

Q43 Mrs. Kofi is angry .......... her daughter’s lack of interest in her business
A at
B with
C for
D by
Answer: A

Q44 Until I heard him myself, I .......... imagined that he said that
A did not
B could not have
C should not have
D will not have
Answer: B

Q45 No sooner had the war started .......... the soldiers deserted the village
A that
B when
C as
D than
Answer: D
SECTION B

Q1 Kate ........................ tears of joy when she heard about her success A. Broke into  B. broke out C. Broke up in D. broke with Answer: A

Q2 The worker’s strike was ........................ as a result of the Director’s intervention A. called back  B. called in C. called off  D. called out Answer: C

Q3 Mrs Jallow has bought a ......................... bag A. black new leather  B. new leather black  C. leather black new  D. new black leather Answer: D

Q4 The breakdown of our marriage was no fault of ........................ A. Me  B. my  C. mine  D. I Answer: C

Q5 He did it, but not .............................. in the way I had expected A. As  B. quite  C. hardly  D. so Answer: B

Q6 The driver ......................... nearly caused an accident A. Rather  B. almost  C. very  D. quite Answer: B

Q7 The teachers are not likely ........................ Promoted until next year A. To be  B. to have been  C. to have  D. to being Answer: A

Q8 Haven’t you got a football field in your school? ................. We haven’t A. Yes  B. No  C. So  D. Never Answer: B

Q9 I could not distinguish the twins ...................... Each other A. With  B. to  C. by  D. from Answer: D

Q10 He ......................... be fat, but he still runs fast A. could  B. might  C. may  D. can Answer: C

Q11 ......................... I come in, please? A. Might  B. May  C. Should  D. Must Answer: B

Q12 “You won’t tell Daddy, ....................... you?” A. will  B. would  C. can  D. shall Answer: A

Q13 Joe ....................... graduated from one of the best universities A. will have  B. shall have  C. would have D. must have Answer: D

Q14 The boys were fighting ...................... their sisters were eating A. until  B. since  C. while  D. besides Answer: C

Q15 Isn’t it high time we ...................... ? A. started eating  B. start eating  C. had started eating  D. start to eat Answer: A

Q16 The group is committed to ...... for international peace A. work  B. worked  C. working  D. be working Answer: C

Q17 God always .................... us when we pray A. bless  B. blessing  C. blessed  D. blesses Answer: D

Q18 Since he failed the examination, he could not ................. miss the admission A. though  B. but  C. then D. however Answer: B

Q19 Sometimes minor incidents in our lives stand out because we cherish A. it  B. many  C. none  D. them Answer: D

Q20 You ......................... get to the meeting in time A. had better  B. better  C. have better  D. may better Answer: A

Q21 One does not normally expect problems but ...................... come A. it does  B. they do  C. they did  D. it will Answer: B

Q22 Her handbag is made ..................... genuine leather A. in  B. with  C. of  D. by Answer: C

Q23 To persist ..................... sin is spiritual death A. on  B. at  C. with  D. in Answer: D

Q24 You wouldn’t have come if you had known, ....? A. would you  B. isn’t it  C. wouldn’t you  D. will you Answer: A
Q25 Many people were invited to the party but …..were catered for  A. a few  B. several  C. a little  D. few  
Answer: D

Q26 All the ............................are holding an emergency meeting behind close doors  A. Heads of States  
B. Heads of State  C. Head of States  D. Head of State.  
Answer: A

Q27 The novel makes ........................interesting reading  A. very  B. mostly  C. much  D. almost  
Answer: C

Q28 He eats ............... A. quite rather fast  B. rather too fast  C. rather very fast  D. quite very fast  
Answer: B

Q29 Daughters confide...............their fathers more than sons do  A. in  B. on  C. to  D. about  
Answer: A

Q30 The secretary was directed to bring.............the matter during the next meeting  A. back  B. up  C. about  
D. out.  
Answer: B

Q31 The contractors set the ladder.............the wall  A. at  B. on  C. against  D. by  
Answer: C

Q32 Bola,..................won the beauty contest,is my sister.  A. which  B. that  C. who  D. whom  
Answer: C

Q33 Interest in education has fallen................because of unemployment  A. off  B. down  C. through  D. out  
Answer: A

Q34 ..................I prepare the food, please set the table  A. While  B. When  C. Although  D. Since  
Answer: A

Q35 “Ladies and gentlemen,let us come together to know...............better”  A. each other  B. one another  
C. us  D. ourselves  
Answer: D

Q36 The national basketball team...expected back from England this evening  A. is  B. are  C. were  D. was  
Answer: A
Q1 He preferred travelling by road.............travelling by air A. to  B. against  C. over  D. than
Answer: A

Q2 The police are...........the trail of the suspect  A. in  B. on  C. after  D. over
Answer: B

Q3 .................candidates passed in English Language than in Mathematic  A. Many  B. Plenty  C. More  D. Much
Answer: C

Q4 Alhaji Musa owns fifty.......A. herd of cattles  B. head of cattle C. herds of cattles D. heads of cattle
Answer: A

Q5 Ameh.......to school nowadays  A. walk  B. walked  C. walking  D. walks
Answer: D

Q6 He........say it to my face that I did that  A. dares not  B. dare not  C. not dare  D. dared not
Answer: B

Q7 One of his greatest achievements.......the restoration of order and stability to the company  
A. was  B. were  C. have been  D. are
Answer: A

Q8 If I had heard this earlier, I..........given him the job  A. would not have  B. would have not  C. will not have  D. will have not
Answer: A

Q9 Mr. Smith had worked here before leaving for the U.K.......? A. isn’t it  B. wasn’t it  C. didn’t it  D. hadn’t it
Answer: A

Q10 Who saw the accused..........the purse from the complainant’s handbag? A. take  B. took  C. taken  D. takes
Answer: B

Q11 ..........bring a letter of authority before he can collect the money ? A. Needs he  B. Need he  C. He needs  D. Does he need
Answer: B

Q12 Surely, he..........come in person if he doesn’t want to ! A. need to  B. does not need  C. did not need  D. need to
Answer: A

Q13 Fortunately my father...........the scene before the explosion occurred  A. has just left  B. just left  C. had just left  D. is just leaving
Answer: C

Q14 The rainstorm did a lot of..........to the houses and trees in the area  A. damages  B. damaging  C. damage  D. havocs
Answer: D

Q15 You are not allowed to carry..........on the flight  A. much luggage  B. many luggage C. few luggages  D. more luggages
Answer: A

Q16 It is no longer easy for graduates to secure.......... A. employments  B. many employments  C. employment  D. an employment
Answer: C

Q17 If you would listen, I could give you.......... A. a valuable advice  B. some valuable advices  C. valuable advise  D. valuable advice
Answer: D

Q18 That load is ..........heavy for a child of his age to carry A. very  B. most  C. much  D. too
Answer: D

Q19 Tunji was...........hungry that he ate the food meant for his three sisters A. so  B. extremely  C. very  D. quite
Answer: A

Q20 On my way to the post office, I.......my old classmate  A. stop to greet  B. stopped to greet  C. had stopped greeting  D. stopped greeting
Answer: B

Q21 The celebrations were rounded..........with a novelty match  A. off  B. up  C. down  D. out
Answer: A
Q22  As fresh fruits were scarce in the day season, we had to .......... tinned fruits  A. make do with  B. make up for  C. take out with  D. take up with
Answer: A

Q23  They are .......... new employees at the headquarters of the factory  A. taking up  B. taking after  C. talking on  D. taking over
Answer: C

Q24  We all look forward to .......... ourselves at the party  A. enjoy  B. have enjoyed  C. be enjoying  D. enjoying
Answer: D

Q25  The messenger .......... home until his boss leaves  A. dare not went  B. dare not go  C. dare not to go  D. dare not going
Answer: B

Q26  Sherifat did not behave .......... her parents’ wishes  A. with accordance  B. in accordance about  C. with accordance in  D. in accordance with
Answer: D

Q27  Are you keen .......... joining me in this venture?  A. at  B. in  C. on  D. about
Answer: C

Q28  Do you notice John and Comfort .......... glancing at ..........?  A. themselves  B. the other  C. each other  D. theirselves
Answer: C

Q29  The corrupt bank manager was arrested and convicted ..........  A. on the long run  B. at the long run  C. in the long run  D. after the long run
Answer: C

Q30  I cannot travel in an open car because I am allergic .......... dust  A. with  B. to  C. for  D. by
Answer: B

Q31  If you keep trying, you’ll succeed .......... the end  A. by  B. at  C. with  D. in
Answer: B

Q32  For our Sunday lunch. Mother always cooked .......... A. large pot of thick, spicy groundnut soup  B. large, thick, spicy pot of groundnut soup  C. large, spicy, thick groundnut pot of soup  D. large, spicy pot of thick groundnut soup.
Answer: B

Q33  Don’t believe all .......... he had told you  A. what  B. which  C. that  D. there
Answer: C

Q34  He succeeded .......... the odds he faced  A. after  B. despite  C. even on  D. in addition to
Answer: B

Q35  Please let me have .......... salt in my soup  A. a little  B. few  C. a small  D. a few
Answer: A
SECTION D

Q1 Franchise in an electoral process which means the______________ (a) Right to vote (b) Right and duties citizens (c) Ownership of mean of Production (d) the sovereignty of a nation Answer : A

Q2 One essential duty of a citizen to his state is to __________ (a) Pay his tax (b) Recite the pledge (c) Support the government in power (c) Encourage other citizen to be loyal Answer : A

Q3 The practice of depriving a person of the right to vote is know as _________________________ ( a) enfranchisement (b) disqualification (c) dismissal  (d) disenfranchisement Answer : D

Q4 Citizenship of a country is mainly acquired by ________________ (a) Registration (b) birth (c) descent (d) naturalization Answer : B

Q5 A person may lose his citizenship if he/she _________________________ (a) is imprisoned for a criminal offense (b) persistently fails to pay taxes (c) loses his identification card (d) renounces Answer : D

Q6 An election can be described as free, fair and transparent if the __________ (a) Voter’s register is manipulated (b) party agents are absent from the polling stations (c) collation of results are done in secrecy (d) competing candidates have equal access to the media Answer : D

Q7 Which of the following is a means by which government maintains law and order? (a) law making (b) formation of political party (c) encourage the use of unwritten constitution (d) signing of treaties abroad Answer : A

Q8 The first female to drive a car in Nigeria was: (a) Mrs. Latifat Okunu (b) Mrs. Magaret Ekpo (c) Mrs. O Ransome-Kuti (d) Mrs. Chinyere Onyenucheya Answer : C

Q9 The slogan: “The Light of the Nation” is found in which of these States? (a) Akwa Ibom (b) Delta (c) Anambra (d) Plateau State Answer : C

Q10 Boko Haram is a Sectarian terminology used to describe the resentment for ... (a) Traditional African Religion (b) Western Education/Modernization  (c) Islamic Education (d) Christianity Answer B

Q11 A travelling documents that recognized you as a Nigeria is called__________ (a) National Passport (b) legal Duties  (c) National Certificate (d) National Anthem Answer A

Q12 The followings are Nigeria’s National symbols excepts ________________ (a) Currency (b) National Pledge (c) National Anthem (d) Language Answer D

Q13 The total population of a country can be known through ________________ (a) voting (b) census (c) Sample survey (d) registration of birth Answer B

Q14 A constitution is said to be ________________ when all the fundamental laws of the country are found in a single document. (a) unwritten (b) written (c) removed (d) aborted Answer B

Q15 For adequate planning and result oriented economic programmes, Nigeria must know her ____ (a) Location (b) system (c) people (d) population Answer D
SECTION E

Q1 A cylindrical pipe 50m long with radius 7m has one end open. What is the total surface area of the pipe?
A 749π m²
B 700π m²
C 350π m²
D 98π m²
Answer: A

Q2 The interior angles of a quadrilateral are (x + 15)°, (2x - 45)°, (x - 30)° and (x + 10)°. Find the value of the least interior angle.
A 112°
B 102°
C 82°
D 52°
Answer: B

Q3 If the two smaller size of a a right angled triangle are 4cm and 5cm, find its area.
A 24cm²
B 10cm²
C 8cm²
D 6cm²
Answer: B

Q4 An arc subtends an angle of 50° at the centre of circle radius 6cm. Calculate the area of the sector formed.
A 80/7cm²
B 90/7cm²
C 100/7cm²
D 110/7cm²
Answer: D

Q5 What is the locus of points that is equidistant from points P (1, 3) and Q (3, 5)?
A y = x - 6
B y = -x + 6
C y = -x - 6
D y = x + 6
Answer: B

Q6 If the area of DPQR above is 12√3cm² find the value of q?
A 5cm
B 6cm
C 7cm
D 8cm
Answer: B

Q7 What is the locus of the midpoint of all chords of length 6cm with a circle of radius 5cm and with centre O?
A A circle of radius 4cm and centre O
B The perpendicular bisect of the chords
C A straight line passing through centre O
D A circle of radius 6cm and with centre O
Answer: B

Q8 Find the locus of a particle which moves in the first quadrant so that it is equidistant from the lines x = 0 and y = 0 (where k is constant)
A x + y = 0
B x - y = 0
C x + y + k = 0
D x - y - k = 0
Answer: D
Q9 Find the radius of a sphere whose surface area is 154cm². \((\pi = 22/7)\)
A 7.00 cm  
B 3.50 cm  
C 3.00 cm  
D 1.75 cm  
Answer: B

Q10 A chord is drawn 5cm away from the centre of a circle of radius 13cm. Calculate the length of the chord.
A 7 cm  
B 9 cm  
C 12 cm  
D 24 cm  
Answer: D

Q11 If the hypotenuse of a right-angled isosceles triangle is 2 cm, what is the area of the triangle?
A \(1/\sqrt{2}\) cm²  
B 1 cm²  
C 2 cm²  
D 2\(\sqrt{2}\) cm²  
Answer: B

Q12A regular polygon has 150° as the size of each interior angle. How many sides does it have?
A 12  
B 10  
C 9  
D 8  
Answer: A

Q13 Find the acute angle between the straight lines \(y = x\) and \(y = \sqrt{3}x\)
A 15°  
B 30°  
C 45°  
D 60°  
Answer: A

Q14 If \(y = 3 \cos 4x\), \(dy/dx\) equals
A 6 \sin 8x  
B -24 \sin 4x  
C 12 \sin 4x  
D -12 \sin 4x  
Answer: D

Q15 A cliff on the bank of a river is 300 meters high. If the angle of depression of a point on the opposite side of the river is 60°, find the width of the river.
A 100m  
B 75\sqrt{3}m  
C 100\sqrt{3}m  
D 200\sqrt{3}m  
Answer: C

Q16 Find the value of sin 45° - cos 30°
A 2 + \sqrt{6}/4  
B \sqrt{2} +\sqrt{3}/4  
C \sqrt{2} +\sqrt{3}/2  
D \sqrt{2} -\sqrt{3}/2  
Answer: D

Q17 What is the value of \(r\) if the distance between the points (4, 2) and (1, \(r\)) is 3 units?
A 1  
B 2  
C 3  
D 4  
Answer: B
Q18 What is the value of p if the gradient of the line joining (-1, p) and (p, 4) is 2/3?
A -2  
B -1  
C 1  
D 2  
Answer: D

Q19 Find the exterior angle of a 12 sided regular polygon
A 12°  
B 24°  
C 25°  
D 30°  
Answer: D

Q20 Find the number of ways of selecting 6 out of 10 subject for an examination.
A 218  
B 216  
C 215  
D 210  
Answer: D

Q21 A student sitting on a tower 68 meters high observes his principal's car at an angle of depression 20°. How far is the car from the bottom of the tower to the nearest metre?
A 184m  
B 185m  
C 186m  
D 187m  
Answer: D

Q22 If \( \sin \theta = \frac{3}{5} \), find \( \tan \theta \)
A 3/4  
B 3/5  
C 2/5  
D 1/4  
Answer: A

Q23 Calculate the distance between points L (-1, -6) and M (-3, -5)
A \( \sqrt{5} \)  
B \( 2\sqrt{3} \)  
C \( \sqrt{20} \)  
D \( \sqrt{53} \)  
Answer: A

Q24 Find the gradient of a line which is perpendicular to the line with the equation \( 3x + 2y + 1 = 0 \)
A 3/2  
B 2/3  
C -2/3  
D -3/2  
Answer: B

Q25 The locus of a point equidistant from two points P(6,2) and R (4, 2) is a perpendicular bisector or PR passing through
A (2, 5)  
B (5, 2)  
C (1, 0)  
D (0, 1)  
Answer: B

Q26 Find the capacity in litres of a cylindrical well of radius 1 metre and depth 14 metres
A 44000 litres  
B 4400 litres  
C 440 litres  
D 44 litres  
Answer: A
Q27 Find the angle subtended at the centre of a circle by a chord which is equal in length to the radius of the circle.
A 30°
B 45°
C 60°
D 90°
Answer: C

Q28 If the lines $2y - kx + 2 = 0$ and $y + k - k/2 = 0$ intersect at $(1, 2)$, find the value of $k$.
A -4
B -3
C -2
D -1
Answer: C

Q29 A particle P moves between points S and T such that angle SPT is always constant. Find the locus of P
A It is a semi-circle with ST as diameter
B It is a perpendicular bisector of ST
C It is a quadrant of a circle with ST as diameter
D It is a straight line perpendicular to ST
Answer: A

Q30 Make L the subject of the formula if $d = \sqrt{\frac{42W}{5L}}$
A $\sqrt{\frac{42W}{5d}}$
B $\frac{42W}{5d^2}$
C $\frac{42}{5dW}$
D $\frac{1}{d\sqrt{42W/5}}$
Answer: B

Q31 Calculate the length of an arc of a circle of diameter 14cm, which subtends an angle of 90° at the centre of the circle.
A $7\pi/2$ cm
B $7\pi$ cm
C 14$\pi$ cm
D $7\pi/4$ cm
Answer: A

Q32 A man 40m from the foot of a tower observes the angle of elevation of the tower to be 30°. Determine the height of the tower.
A $40\sqrt{3}/3$ m
B 20 m
C 40$\sqrt{3}$ m
D 40 m
Answer: A

Q33 Find the locus of points equidistant from two straight lines $y - 5 = 0$ and $y - 3 = 0$
A $y = -2 = 0$
B $y = -4 = 0$
C $y = -1 = 0$
D $y = -3 = 0$
Answer: B

Q34 What is the value of $k$ if the mid-point of the line joining $(1 - k, -4)$ and $(2, k + 1)$ is $(-k, k)$?
A -3
B -1
C -4
D -2
Answer: A

Q35 Find the size of each exterior angle of a regular octagon.
A 51°
B 45°
C 40°
D 36°
Answer: B

Q36 Find the value of tan 60° - tan 30° / tan 60° tan 30°
A 4/√3
B 2/√3
C 1
Answer: D

Q37 The area of a square is 144 sqcm. Find the length of the diagonal.
A 13 cm
B 12√2 cm
C 12 cm
D 11√3 cm
Answer: B

Q38 The gradient of a curve is 2x + 7 and the curve passes through point (2, 0). Find the equation of the curve.
A y = x² + 14x + 11
B y = x² + 7x + 9
C y = x² + 7x - 18
D y = x² + 7x + 18
Answer: C

Q39 What is the locus of points equidistant from the line ax + by + c = 0?
A A line ax + by + q = 0
B A line ax - by + q = 0
C A line bx - ay + q = 0
D A line bx + ay + q = 0
Answer: B

Q40 If the locus of the points which are equidistant from points P and Q meets line PQ at point N, then PN equals
A 1/2 NQ
B 2NQ
C 1/4NQ
D NQ
Answer: D

Q41 The sum of the first n positive integers is
A n(n-1)
B n(n+1)
C 1/2n(n+1)
D 1/2n(n-1)
Answer: C

Q42 The sum of the interior angles of a regular polygon is 1800°. Calculate the size of one exterior angle of the polygon.
A 12°
B 18°
C 30°
D 24°
Answer: C

Q43 Two lines PQ and ST intersect at 75°. The locus of points equidistant from PQ and ST lies on the
A bisector of the angles between lines PQ and ST
B bisector of the angles between lines PT and QS
C perpendicular bisector of ST
D perpendicular bisector of PQ
Answer: A

Q44 A chord of a circle subtends angle of 60° at the centre of a circle of radius 14 cm. Find the length of the chord.
A 21 cm
B 7 cm
C 28 cm
D 14 cm
Q45 A sector of a circle has an area of 55cm². If the radius of the circle is 10cm, calculate the angle of the sector.
A 90°
B 75°
C 63°
D 45°
Answer: C

SECTION F

Q1 If y varies directly as the square root of x and y when x = 16. Calculate when x = 64
A 3
B 5
C 6
D 12
Answer: C

Q2 Factorize completely: x³ + 3x² - 10x/2x² - 8
A x(x - 5)/2(x - 2)
B x² + 5/2x + 4
C x(x - 5)/2(x + 2)
D x(x + 5)/2(x + 2)
Answer: D

Q3 Make Q the subject of the formula if P = M(x + Q) + 1/5
A 5P + MX - 5/M
B 5P + MX - 5/ M
C 5P - MX + 5/ M
D 5P - MX - 5/ M
Answer: D

Q4 Solve for x and y if x - y = 2 and x² - y² = 8
A (-3, 1)
B (1, 3)
C (-1, 3)
D (3, 1)
Answer: D

Q5 If 9x² + 6xy + 4y² is a factor of 27x³ - 8y³
A 3x + 2y
B 3x - 2y
C 2y + 3x
D 2y - 3x
Answer: B

Q6 If x is inversely proportional to y and x = 21/2 when y = 2, find x if y = 4
A 11/4
B 21/4
C 4
D 5
Answer: A

Q7 For what range of values of x is 1/2 x + 1/4 >1/3x + 1/2?
A x < -3/2
B x > -3/2
C x < 3/2
D x > 3/2
Answer: D

Q8 Solve the inequalities -6 ≤ 4 - 2x < 5 -x.
A -1 ≤ x ≤ 6
B -1 ≤ x < 6
C -1 < x ≤ 5
D -1 < x ≤ 5
Q9 Find the sum to infinity of the following series. 0.5 + 0.05 + 0.005 + 0.0005 + ......  
A 5/11  
B 5/9  
C 5/8  
D 5/7  
Answer: B

Q10 The 3rd term of an arithmetic progression is -9 and the 7th term is -29. Find the 10th term of the progression.  
A 165  
B 44  
C -44  
D -165  
Answer: C

Q11 If x * y = x + y^2, find the value of (2 * 3) * 5  
A 55  
B 36  
C 25  
D 11  
Answer: B

Q12 If p and q are two non-zero numbers and 18 (p + q) = (18 + p)q, which of the following must be true?  
A q < 1  
B q = 18  
C p < 1  
Answer: B

Q13 Find the distance between the point (1/2, 1/2) and (-1/2, -1/2).  
A √3  
B √2  
C 1  
D 0  
Answer: B

Q14 Find the gradient of the line passing through the points P (1, 1) and Q (2, 5).  
A 5  
B 4  
C 3  
D 2  
Answer: B

Q15 Find the equation of the line parallel to y = 4x + 2 passing through (2, 3).  
A y + 4x - 11 = 0  
B y - 4x + 11 = 0  
C y + 4x + 11 = 0  
D y - 4x - 11 = 0  
Answer: A

Q16 At what value of x does the function y = -3 -2x + x^2 attain a minimum value?  
A 4  
B 1  
C -1  
D -4  
Answer: B

Q17 If cot θ = 8/15, where θ is acute, find sin θ.  
A 16/17  
B 13/15  
C 8/17  
D 15/17  
Answer: D
Q18 If \( m \times n = n - (m + 2) \) for any real numbers \( m \) and \( n \), find the value of \( 3 \times (-5) \)

A -6  
B -8  
C -10  
D -12  
Answer: C

Q19 Find to infinity, the sum of the sequence 1, 9/10, (9/10)^2, (9/10)^3, .................

A 10  
B 9  
C 10/9  
D 9/10  
Answer: A

Q20 The sum of the first \( n \) terms of the arithmetic progression 5, 11, 17, 23, 29, 35, ................. is

A \( n(3n - 0.5) \)  
B \( n(3n + 2) \)  
C \( n(3n + 2.5) \)  
D \( n(3n + 5) \)  
Answer: B

Q21 Determine the value of \( x \) for which \((x^2 - 1) > 0\)

A \( x < -1 \) or \( > 1 \)  
B \(-1 < x < 1 \)  
C \( x > 0 \)  
D \( x < -1 \)  
Answer: A

Q22 \( W \) is directly proportional to \( U \). If \( W = 5 \) when \( U = 3 \), find \( U \) when \( W = 2/7 \)

A 6/35  
B 10/21  
C 21/10  
D 35/6  
Answer: A

Q23 A polynomial in \( x \) whose roots are 4/3 and -3/5 is

A \( 15x^2 - 11x - 12 \)  
B \( 15x^2 + 11x - 12 \)  
C \( 12x^3 - 11x - 12 \)  
D \( 12x^2 + 11x - 12 \)  
Answer: A

Q24 Find the range of values of \( x \) for which \( 3x - 7 \leq 0 \) and \( x + 5 > 0 \)

A \(-5 < x < 7/3 \)  
B \(-5 \leq x \leq 7/3 \)  
C \(-5 < x \leq 7/3 \)  
D \(-5 \leq x < 7/3 \)  
Answer: C

Q25 A binary operation on the set of real numbers excluding -1 is such that for all \( m, n \in R, m \Delta n = m + n + mn \). Find the identity element of the operation.

A 1  
B 0  
C -1/2  
D -1  
Answer: B

Q26 A binary operation \( * \) defined on the set of positive integers is such that \( x * y = 2x - 3y + 2 \) for all positive integers \( x \) and \( y \). The binary operation is

A commutative and closed on the set of positive integers  
B neither commutative nor closed on the set of positive integers  
C commutative but not closed on the set of positive integers  
D not commutative but closed on the set of positive integers
Q27 The fifth term of an A.P is 24 and the eleventh term is 96. Find the first term.
A 12
B 4
C -12
D -24
Answer: D

Q28 Solve the quadratic inequality \( x^2 - 5x + 6 \geq 0 \)
A \( x \leq 2, x \geq 3 \)
B \( x \leq 3, x \geq 2 \)
C \( x \leq -2, x \geq -3 \)
D \( x \leq -3, x \geq 2 \)
Answer: A

Q29 Find the range of values of \( x \) which satisfy the inequalities \( 4x - 7 \leq 3x \) and \( 3x - 4 \leq 4x \)
A \(-4 \leq x \leq 7\)
B \(-7 \leq x \leq 4\)
C \(x \geq -7\)
D \(-7 \leq x \leq 6\)
Answer: A

Q30 If \( p \) varies inversely as the square of \( q \) and \( p = 8 \) when \( q = 4 \), find \( q \) when \( p = 32 \)
A \( \pm16 \)
B \( \pm8 \)
C \( \pm4 \)
D \( \pm2 \)
Answer: D

Q31 If \( x - 3 \) is directly proportional to the square of \( y \) and \( x = 5 \) when \( y = 2 \), find \( x \) when \( y = 6 \)
A 30
B 21
C 16
D 12
Answer: A

Q32 Factorize completely \( (4x + 3y)^2 - (3x - 2y)^2 \)
A \((x + 5y)(7x + y)\)
B \((x + 5y)(7x - y)\)
C \((x - 5y)(7x + y)\)
D \((x - 5y)(7x - y)\)
Answer: A

Q33 Find the derivative of \( y = \frac{(x7 - x6)}{x^4} \)
A \( x(x^2 - 1) \)
B \( 3x(x^2 - 1) \)
C \( 3x^2 - 1 \)
D \( 7x6 - 5x4 \)
Answer: C

Q34 If \( 2x^2 - kx - 12 \) is divisible by \( x - 4 \), find the value of \( k \)
A 4
B 5
C 6
D 7
Answer: B

Q35 Make \( Q \) the subject of the formula when \( L = \frac{4}{3MVPQ} \)
A \( 9L^2/16M^2P \)
B \( 3L/4MVP \)
C \( 3L/4MP \)
D \( 3L^2/16M^2P \)
Answer: A
Q36 If \( X = \{n^2 + 1 : n = 0, 2, 3\} \) and \( Y = \{n + 1 : n = 2, 3, 5\} \), find \( X \cap Y \)
A \{1,3\}  
B \{5,10\}  
C \Ø  
D \{4,6\}  
Answer: C

Q37 If \( \frac{1 + \sqrt{2}}{1 - \sqrt{2}} \) is expressed in the form \( x + y\sqrt{2} \), find the value of \( x \) and \( y \).
A (-3, -2)  
B (-2, 3)  
C (3, 2)  
D (2, -3)  
Answer: A

Q38 If \( y = x \cos x \), find \( \frac{dy}{dx} \)
A \( \sin x - x \cos x \)  
B \( \sin x + \cos x \)  
C \( \cos x + x \sin x \)  
D \( \cos x - x \sin x \)  
Answer: D

Q39 Factorize \( 2t^2 + t - 15 \)
A \((2t - 3)(t + 5)\)  
B \((t + 3)(2t - 5)\)  
C \((t + 3)(t - 5)\)  
D \((2t + 3)(t - 5)\)  
Answer: B

Q40 Solve the inequality \(-3(x - 2) < -2(x + 3)\)
A \( x > 12 \)  
B \( x < 12 \)  
C \( x > -12 \)  
D \( x < -12 \)  
Answer: A

Q41 A binary operation \( \Delta \) is defined by \( a \Delta b = a + b + 1 \) for any real numbers \( a \) and \( b \). Find the inverse of the real number 7 under the operation \( \Delta \), if the identity element is -1
A -7  
B -9  
C 5  
D 9  
Answer: B

Q42 The nth term of the sequence 3/2, 3, 7, 16, 35, 74, ... is
A \( 5.2n - 2 - n \)  
B \( 5.2n - 2 - n + 1/2 \)  
C \( 35.2n - 2 \)  
D \( 3/2n \)  
Answer: A

Q43 If \( y = (1 + x)^2 \), find \( \frac{dy}{dx} \)
A \( 2x - 1 \)  
B \( x - 1 \)  
C \( 2 + 2x \)  
D \( 1 + 2x \)  
Answer: C

Q44 The solution of the quadratic inequality \( (x^2 + x - 12) \geq 0 \) is
A \( x \geq -3 \) or \( x \leq 4 \)  
B \( x \geq 3 \) or \( x \geq -4 \)  
C \( x \leq 3 \) or \( x \leq -4 \)  
D \( x \geq 3 \) or \( x \leq -4 \)  
Answer: D
Q45 W ∝ L^2 and W = 6 when L = 4. If L = √17. Find W.
A 67/8
B 65/8
C 63/8
D 61/8
Answer: C

Q46 Find the sum to infinity of the series 2 + 3/2 + 9/8 + 27/32 + ...
A 1
B 2
C 8
D 4
Answer: C

Q47 Find y, if √12 - √147 + y√3 = 0
A 5
B 1
C 7
D 3
Answer: A

Q48 If x10 = 12145, find x
A 124
B 121
C 184
D 180
Answer: C

Q49 Evaluate (0.5625)² - (0.4375)² / 0.04 correct to 3 significant figures
A 3.11
B 3.13
C 0.313
D 3.12
Answer: B

Q50 If the lines 3y = 4x - 1 and qy = x + 3 are parallel to each other, the value of q is
A -4/3
B -3/4
C 4/3
Answer: D

Q51 Differentiate (x² - 1/x)² with respect to x.
A 4x³ - 2 -2/x³
B 4x³ - 2 + 2/x³
C 4x³ - 3x + 2/x
D 4x³ - 4x - 2/x
Answer: A

Q52 PQ and RS are two parallel lines. If the coordinates of P, Q, R, S are (1,q), (3, 4), (5,2q) respectively, find the value of q.
A 4
B 1
C 2
D 3
Answer: C

Q53 For what value of n is n + 1C3 = 4(nC3) ?
A 4
B 6
C 3
D 5
Answer: C
Q54 Find the variance of 2x, 2x - 1 and 2x + 1.
A $\sqrt{\frac{2}{3}}$
B 2
C 1
D $\frac{2}{3}$
Answer: D
Q55 How many terms of the series 3, -6, +12, -24, +...... are needed to make a total of 1 - 28?
A 9
B 12
C 8
D 10
Answer: C

SECTION G

Q1

<table>
<thead>
<tr>
<th>Marks</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of students</td>
<td>3</td>
<td>1</td>
<td>5</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

From the table above, if the pass mark is 5, how many students failed the test?
A 9
B 7
C 6
D 2
Answer: A

Q2 How many students took the test?
A 13
B 15
C 16
D 20
Answer: D

Q3 Find the mean mark
A 3.3
B 3.2
C 3.1
D 3.0
Answer: A

Q4 Find the standard deviation of 2, 3, 5 and 6.
A $\sqrt{2}/5$
B $\sqrt{5}/2$
C $\sqrt{6}$
D $\sqrt{10}$
Answer: B

Q5 In how many ways can a committee of 2 women and 3 men be chosen from 6 men and 5 women?
A 30
B 50
C 100
Answer: A

Q6 If three unbiased coins are tossed, find the probability that there are all heads.
A $\frac{1}{9}$
B $\frac{1}{8}$
C $\frac{1}{6}$
D 1/3
Answer: A

Q7 The probability of student passing any examination is 2/3. If the student takes three examinations, what is the probability that he will not pass any of them?
A 2/3
B 4/9
C 8/27
D 1/27
Answer: D

Q8 In how many ways can 9 people be seated if 3 chairs are available?
A 720
B 504
C 336
Answer: B

Q9 In how many ways can a delegation of 3 be chosen from 5 men and 3 women, if at least 1 man and 1 woman must be included?
A 15
B 28
C 30
D 45
Answer: D

Q10 What is the mean deviation of x, 2x, x + 1 and 3x, if their mean is 2?
A 0.5
B 1.0
C 1.5
D 2.0
Answer: A

Q11 5, 8, 6 and k occur with frequencies 3, 2, 4 and 1 respectively and have a mean of 5.7. Find the value of k.
A 4
B 3
C 2
D 1
Answer: D

Q12 The cumulative frequency curve below shows the distribution of the scores of 50 students in an examination. Find the 36th percentile score.
A 18%
B 28%
C 36%
D 50%
Answer: B

Q13 The pie chart represents 400 fruits on display in a grocery store. How many apples are in the stores?
A 45
B 50
C 60
D 75
Answer: B

Q14 The histogram above represents the number of candidates that sat for Mathematics examination in a school. How many candidates scored more than 50 marks?
A 80
B 95
C 100
D 115
Answer: B
Q15 If \( x > 0 \), find the range of the numbers \( x - 3, 3x + 2, x - 1, 4x, 2x - 1, x - 2, 2x - 2, 3x \) and \( 3x + 1 \)
A \( 3x + 3 \)
B \( 3x + 1 \)
C \( 2x + 5 \)
D \( 2x + 1 \)
Answer: C

Q16 The probability of picking a letter T from the word OBSTRUCTION is
A \( \frac{1}{11} \)
B \( \frac{2}{11} \)
C \( \frac{3}{11} \)
D \( \frac{4}{11} \)
Answer: B

Q17 In how many ways can the letters of the word ACCEPTANCE be arranged?
A \( \frac{10!}{2!2!3!} \)
B \( \frac{10!}{2!3!} \)
C \( \frac{10!}{2!2!} \)
D \( 10! \)
Answer: A

Q18 Find the mean deviation of 2, 4, 5, and 9
A 1
B 2
C 5
D 7
Answer: B

Q19 Find the median of 4, 1, 4, 0, 4, 4, 2 and 0.
A 0
B 1
C 2
D 4
Answer: C

Q20 What is the mean of the data \( t, 2t - 1, t - 2, 2t - 1, 4t \) and \( 2t + 2 \)?
A \( 2t \)
B \( 2t - 1 \)
C \( \frac{2t}{3} + 1 \)
D \( 2t + 1/3 \)
Answer: A

Q21 The bar chart below shows the number of times the words a, and, in, it, the, to appear in a paragraph in a book. What is the ratio of the least frequent word to that of the most frequent word?
A \( \frac{1}{4} \)
B \( \frac{1}{3} \)
C \( \frac{2}{3} \)
D \( \frac{3}{4} \)
Answer: A

Q22 On a pie chart, there are six sectors of which four angles are 30°, 45°, 60°, 90° and the remaining two angles are in the ratio 2:1. Find the smaller angles of the remaining two angles.
A 15°
B 30°
C 45°
D 60°
Answer: C

Q23 The result of rolling a fair die 150 times is as summarized in the table below.

<table>
<thead>
<tr>
<th>Number</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>12</td>
<td>18</td>
<td>( x )</td>
<td>30</td>
<td>2( x )</td>
<td>45</td>
</tr>
</tbody>
</table>
What is the probability of obtaining 5?
A 3/10  
B 1/5  
C 1/6  
D 1/10
Answer: B  

**Q24** What is the mean deviation of 3, 5, 8, 11, 12 and 21?
A 4.7  
B 60  
C 3.7  
D 10
Answer: A

**Q25**

<table>
<thead>
<tr>
<th>Marks</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>5</td>
<td>y - 1</td>
<td>y</td>
<td>9</td>
<td>4</td>
<td>1</td>
</tr>
</tbody>
</table>

The table above gives the frequency distribution of marks obtained by a group of students in a test. If the total mark scored is 200, calculate the value of y.
A 15  
B 13  
C 11  
D 9
Answer: C

**Q26** If 5, 8, 6 and 2 occur with frequencies 3, 2, 4 and 1 respectively, find the product of the modal and the median number.
A 36  
B 48  
C 30  
D 40
Answer: A

**Q27** In basket, there are 6 grapes, 11 bananas and 13 oranges. If one fruit is chosen at random, what is the probability that the fruit is either a grape or a banana?
A 6/30  
B 5/30  
C 17/30  
D 11/30
Answer: C

**Q28** A senatorial candidate had planned to visit seven cities prior to a primary election. However, he could only visit four of the cities. How many different itineraries could be considered?
A 640  
B 840  
C 520  
D 720
Answer: B

**Q29**

<table>
<thead>
<tr>
<th>Age in years</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of pupils</td>
<td>6</td>
<td>27</td>
<td>7</td>
</tr>
</tbody>
</table>

The table above shows the number of pupils in each age group in a class. What is the probability that a pupil chosen at random is at least 11 years old?
A 27/40  
B 17/20  
C 3/30  
D 33/40
Answer: B

Q30 In how many ways can 6 subjects be selected from 10 subjects for an examination?
A 218
B 216
C 215
D 210

Answer: D

Q31 The response of 160 pupils in a school asked to indicate their favorite subjects is given in the bar chart above. What percentage of the pupils have English and Health Education as their favorite subjects?
A 52%
B 55%
C 36%
D 22%

Answer: B

Q32 A bag contains 5 black, 4 white and x red marbles. If the probability of picking a red marble is 2/5, find the value of x.
A 6
B 10
C 4
D 8

Answer: A

Q33 The table below shows the distribution of recharge cards of four major GSM operators. What is the probability that a recharge card selected at random will be GTN or Qtel?

<table>
<thead>
<tr>
<th>GSM operators</th>
<th>GTN</th>
<th>PLO</th>
<th>Qtel</th>
<th>Cmob</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of recharge cards</td>
<td>5</td>
<td>7</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

A 2/5
B 3/4
C 3/20
D 1/4

Answer: A

Q34 If the mean of five consecutive integers is 30, find the largest of the numbers.
A 30
B 28
C 34
D 32

Answer: D

Q35 A final examination requires that a student answers any 4 out of 6 questions. In how many ways can this be done?
A 30
B 20
C 15
D 45

Answer: C

Q36 In a small village of 500 people, 350 speak the local language while 200 speak pidgin English. What percentage of the population speak both?
A 30%
B 50%
C 10%
D 14%

Answer: C

Q37 Three boys shared some oranges. The first received 1/3 of the oranges and the second received 2/3 of the remainder. If the third boy received the remaining 12 oranges, how many oranges did they share?
A 42
B 48
C 54
D 60
Answer: C
Q38 A box contains 5 blue balls, 3 red balls and 2 white balls. Two balls are selected from the box with replacement replacement. Find the probability of obtaining two blue or two red balls.
A 3/250  
B 1/50  
C 17/50  
D 3/25  
Answer: C
Q39

<table>
<thead>
<tr>
<th>Scores</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of students</td>
<td>1</td>
<td>4</td>
<td>5</td>
<td>x</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

The table above shows the scores of a group of students in a test. If the average score is 3.5, find the value of x.
A 2  
B 4  
C 1  
D 3  
Answer: A
Q40 The grades of 36 students are shown in the pie chart below. How many students had "excellent"?
A 12  
B 7  
C 8  
D 9  
Answer: A
Q41 The mean age of a group of student is 15 years. when the age of a teacher , 45 years old ,is added to the ages of the student , the mean of their ages becomes 18 years ,find the number of student in the group
A 7  
B 9  
C 15  
D 42  
Answer: B
Q42 The weights of 10 pupils in a class are 15 kg ,16kg, 17kg, 18kg, 16kg, 17kg, 17kg,18kg and 16kg. What is the range of this distribution?
A 1  
B 2  
C 3  
D 4  
Answer: C
Q43 Find the mean deviation of 1,2,3,and 4
A 1.0  
B 1.5  
C 2.0  
D 2.5  
Answer: A
Q44 In how many ways can 2 students be selected from a group of 5 student in a debating competition
A 10 ways  
B 15 ways  
C 20 ways  
D 25 ways  
Answer: A
Q45 A commitee of six is to be formed by a state governor from nine commissioners and three members of the state house of assembly, In how many ways can the members of the commitee be chosen so as to include one member of the house of assembly?
A 924 ways  
B 840 ways  
C 462 ways
D 378 ways
Answer: D
Q46 Some white balls were put in a basket containing twelve red balls and sixteen black balls. If the probability of picking a white ball from the basket is 3/7 how many white balls were introduced?
A 32  
B 28  
C 21  
D 12  
Answer: C
Q47 A container has 30 gold medals, 22 silver medals and 18 bronze medals. If one medal is selected at random from the container, what is the probability that it is not a gold medal?
A 4/7  
B 3/7  
C 11/35  
D 9/35  
Answer: A
Q48 An unbiased die is rolled 100 times and the outcome is tabulated as follows:

<table>
<thead>
<tr>
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<td>15</td>
<td>22</td>
<td>14</td>
<td>20</td>
<td>16</td>
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What is the probability of obtaining 5?
A 1/6  
B 1/5  
C 1/4  
D 1/2  
Answer: B
Q49 The mean of the numbers 3, 6, 4, x, and 7 is 5, find the standard deviation.
A 2  
B 3  
C \sqrt{3}  
D \sqrt{2}  
Answer: D
Q50 A bag contains 5 black balls and 3 red balls. Two balls are picked at random without replacement. What is the probability that a black and a red ball are picked?
A 5/14  
B 13/28  
C 3/14  
D 15/28  
Answer: D
Q52 On a pie chart, there are four sectors which three angles are 45°, 90° and 135°. If the smallest sector represents ₦28.00, how much is the largest sector?
A ₦48.00  
B ₦96.00  
C ₦42.00  
D ₦84.00  
Answer: D
Q53 The range of 4, 3, 11, 9, 6, 15, 19, 23, 27, 24, 16 is
A 23  
B 24  
C 21  
D 16  
Answer: B
SECTION H

CURRENT AFFAIR

1. **Who formed the first political party in Nigeria?**
   Answer: Herbert Macauly

2. **What was the first political party in Nigeria?**
   Answer: Nigerian National Democratic party (NNDP)

3. **Who is the current president of Nigeria?**
   Answer: Muhammadu Buhari

4. **Who is the current vice president of Nigeria?**
   Answer: Yemi Osibajo

5. **What does the eagle in the Nigerian coat of arm represent?**
   Answer: Strength

6. **What do the two horses on the Nigerian coat of arm represent?**
   Answer: Dignity

7. **What was the black shield in the Nigerian coat of arm stand for?**
   Answer: Nigerian's fertile soil

8. **What does the white colour in Nigerian flag stand for?**
   Answer: Peace

9. **What does the green colour in Nigerian flag represent?**
   Answer: Forests and abundant natural wealth of Nigeria

10. **Nigeria is divided into how many geopolitical zones?**
    Answer: Six (6) geopolitical zones

11. **What was the first capital city in Nigeria?**
    Answer: Calabar

12. **What is the capital of Nigeria Now?**
    Answer: Abuja

13. **Who is the current Nigerian Deputy Senate president?**
    Answer: Senator Ike Ekweremadu

14. **What is the name of Nigerian senior national team in football?**
    Answer: Super Eagles

15. **When did Nigerian Golden eaglets win the world under-17 FIFA world cup**

16. **Who was the first female vice chancellor in Nigerian university?**
    Answer: Grace Alele Williams

17. **Who gave Nigeria her name:**
    Answer: Flora Shaw

18. **Who designed the Nigerian flag?**
    Answer: Michael Taiwo Akinkunmi

19. **Who was the first man to buy a car in Nigeria?**
    Answer: Bob Jensen

20. **Who was the first woman to buy a car in Nigeria?**
    Answer: Funmilayo Ransome Kuti

21. **Who was the first woman to drive a car in Nigeria?**
    Answer: Funmilayo Ransome Kuti

22. **What is the first TV station in Nigeria?**
    Answer: Western Nigerian Government Broadcasting Corporation (WNTV) in 1959
23. **When was Nigeria formed?**  
   Answer: 1914

24. **Where was crude oil first discovered in Nigeria?**  
   Answer: Oloibiri Oilfield, located in Oloibiri in Ogbia LGA of Bayelsa State

25. **Who was the first Nigerian to become a Noble Laureate?**  
   Answer: Wole Soyinka

26. **Who is the Nigerian current speaker of house of Assembly?**  
   Answer: Yakubu Dogara

27. **What is the premier university in Nigeria?**  
   Answer: University of Ibadan

28. **Who is the minister for education in Nigeria?**  
   Answer: Adamu Adamu

29. **When did Nigeria have her independent?**  
   Answer: 1st October 1960

30. **When Nigeria did become a republic?**  
   Answer: 1st October 1963

31. **When was the first military coup carried out in Nigeria?**  
   Answer: 1966

32. **Who is the first Nigerian president?**  
   Answer: Dr Nnamdi Azikiwe

33. **Who was Nigerian first executive president?**  
   Answer: Alhaji Shehu Aliyu Shagari

34. **Who was the Nigerian first prime minister?**  
   Answer: Abubakar Tafawa Balewa

35. **What is the largest continent in the world?**  
   Answer: ASIA with population of 3,641,000,000 while Australia & Oceania is the smallest continent

36. **What are the five Oceans in the world?**  
   Answer: Pacific Ocean, Atlantic Ocean, Indian Ocean, Southern Ocean, Arctic Ocean

37. **Who is the current Senate President in Nigeria?**  
   Answer: Senator Bukola Saraki

38. **Which country’s flag is called the Union Jack?**  
   Answer: Great Britain

39. **What is centenary?**  
   Answer: 100 years

40. **Who won the 2015 Nigerian presidential general election?**  
   Answer: General Muhammadu Buhari