



Hillrange Secondary School
Centenary City, Enugu.
ENTRANCE EXAMINATION 2018/2019

SUBJECT: Mathematics

TIME ALLOWED: 60 minutes

Attempt All questions

Clearly write your name on every page of this question paper and the objective sheet.

SHADE neatly, the correct option from letter(s) A – E, in the objective sheet provided.

You may use this question paper for your rough work.

Submit this question paper with the objective sheet at end of the exam.

YOU ARE ADVISED TO WORK COMPLETELY ON YOUR OWN.

FULL NAME:

EXAM NO:

DATE:

Shade the correct option in the objective sheet provided.

1. Enugu state was popular for the production of _____
 - A. cocoa
 - B. coal
 - C. groundnut
 - D. timber
 - E. tobacco
2. In what year did Nigeria become a republic?
 - A. 1960
 - B. 1971
 - C. 1989
 - D. 1956
 - E. 1963
3. Which of these is not a human resource?
 - A. teacher
 - B. doctor
 - C. lawyer
 - D. automobile
 - E. pilot
4. How old will The Federal Republic of Nigeria be when it celebrates her independence this year?
 - A. 55
 - B. 60
 - C. 59
 - D. 58
 - E. 57
5. Which of these states is popularly known as 'The Food Basket of the Nation'?
 - A. Benue
 - B. Ondo
 - C. Delta
 - D. Kogi
 - E. Imo
6. The Nigerian that win the peace prize for Literature is _____.
 - A. Professor Wole Soyinka
 - B. Professor Ambrose Ali
 - C. Professor Babatunde Fafunwa
 - D. Professor Jibril Aminu
 - E. Professor Chinua Achebe
7. Who was the slave boy who later became the first African Bishop?
 - A. Lord Steven
 - B. Bishop Shaw cross
 - C. Bishop Abayomi
 - D. Bishop Okorie
 - E. Bishop Ajayi Crowther
8. The fastest land animal is the
 - A. cheetah
 - B. lion
 - C. tiger
 - D. dog
 - E. jaguar
9. The government of the people for the people and by the people is known as _____.
 - A. democracy
 - B. aristocracy
 - C. oligarchy
 - D. monarchy
 - E. theocracy
10. Which of these women fought against the killing of twins?
 - A. Mary Slessor
 - B. Mary Magdalen
 - C. Mary Anne
 - D. Mary Jones
 - E. Virgin Mary
11. Which of these countries has French as her official language?
 - A. Liberia
 - B. Cameroun
 - C. Algeria
 - D. Ghana
 - E. Egypt
12. Which of these countries won the 2017 edition of African Cup of Nations?
 - A. Cameroun
 - B. Egypt
 - C. Ghana
 - D. Togo
 - E. Gambia

13. Barack Obama, the 44th and former President of U.S.A., is a descendant of which of these African countries?
- Libya
 - Liberia.
 - Kenya
 - Ghana
 - Egypt
14. Under what political party did President Buhari win the last presidential election?
- A.P.C
 - P.D.P.
 - A.D.
 - A.P.G.A.
 - Fresh Party
15. What is full meaning of UNO?
- Union Nations Organization
 - United Nations Order
 - United Nigeria Organization
 - United Nations Organization
 - United National Order
16. Which of these is the world Soccer Ruling Body?
- NFA
 - NFL
 - EPL
 - UEFA
 - FIFA
17. Which of these countries in Africa was noted for its Apartheid Policy?
- South Africa
 - Cameroun
 - Zambia
 - Nigeria
 - Libya
18. Who is the current Vice-President of Nigeria?
- Professor Yemi Osibanjo
 - Mr. Akinwumi Abode
 - Professor Wole Soyinka
 - Dr. John Adisa
 - Barrister Tunde Fashola
19. The picture displayed on the ten Naira note is that of_____.
- Alvan Ikoku
 - Murtala Muhammed
 - Abubakar Tafawa Balewa
 - Aliko Dangote
 - Obafemi Awolowo
20. In what year were the Southern and Northern Protectorates of Nigeria amalgamated?
- 1922
 - 1907
 - 1960
 - 1957
 - 1914
21. Which of these results from insufficiency of vitamin D?
- malaria
 - dysentery
 - rickets
 - diarrhea
 - small pox
22. One who can see only near objects very clearly is suffering from _____.
- short sightedness
 - long sightedness
 - night blindness
 - colour blindness
 - oblique blindness
23. What is the full meaning of AIDS?
- Association of International Doctors Society
 - America International Domestic Science
 - Acquires Immune Deficiency Syndrome
 - Acquired Immune Disease Situation
 - Acquired Immune Disaster Situation
24. The blood pumping station of the body is the _____
- kidney
 - heart
 - bladder
 - lungs

- E. abdomen
25. An animal that is responsible for the spread of disease is known as _____ of that disease.
- A. vector
 - B. protractor
 - C. contractor
 - D. infector
 - E. raider
26. Which of these is a water-borne disease?
- A. tuberculosis
 - B. diarrhea
 - C. tetanus
 - D. guinea worm
 - E. colour blindness
27. An adult human being should naturally have _____ set of teeth.
- A. 28
 - B. 32
 - C. 30
 - D. 36
 - E. 40
28. Which of these substances generates energy for the body?
- A. carbohydrate
 - B. protein
 - C. vitamins
 - D. fats and oil
 - E. water
29. What does exercise do to the human body?
- A. It generates heat
 - B. It builds body tissues
 - C. It frees all the joints in the body
 - D. It cools down the body
 - E. All of the above
30. Which of these is a respiratory organ?
- A. tongue
 - B. eye
 - C. lungs
 - D. kidney
 - E. skin
31. The process by which plants manufacture their food in the presence of sunlight is called _____
- A. photosynthesis
 - B. production
 - C. animal husbandry
 - D. botany
 - E. nutrition
32. What is a healthy body?
- A. One free of diseases and is of sound mental state
 - B. One who is quite tall and fat
 - C. One who can jog a long distance
 - D. One who eats three times in a day
 - E. One who is free from constipation
33. The opening through which sweat gets out our body is called _____
- A. sweat pore
 - B. sweat hole
 - C. stomata
 - D. skin discharge
 - E. sweat dispenser
34. Which would you administer as first aid to one who has drunk kerosene?
- A. potato leaves
 - B. palm-oil
 - C. salt solution
 - D. sugar solution
 - E. orange juice
35. During digestion, starch is changed into _____.
- A. acid
 - B. glucose
 - C. sugar
 - D. bread
 - E. salt
36. How long does a developing baby remain in the mother's womb?
- A. nine years
 - B. fifty-two weeks
 - C. nine months
 - D. eighteen months
 - E. one year

37. Which of these can be found in a first-aid box?
- A. syringe
 - B. hammer
 - C. bandages
 - D. mirror
 - E. nails
38. Which of these is the organ of taste?
- A. lips
 - B. tongue
 - C. teeth
 - D. stomach
 - E. gullet
39. It is best to eat fruits _____.
- A. fresh
 - B. canned
 - C. frozen
 - D. boiled
 - E. dried
40. Which of the following would indigestion cause?
- A. dysentery
 - B. diarrhea
 - C. constipation
 - D. cholera
 - E. sleeping sickness
41. Which of these tools is mainly used for digging the soil?
- A. hoe
 - B. cutlass
 - C. axe
 - D. wheel barrow
 - E. cutting knife
42. Which of the following does a confectioner do?
- A. Builds ships
 - B. Makes and sells cakes and pies
 - C. Hawks goods from one place to another
 - D. Manufactures cars
 - E. Sells goods to smaller business men
43. Aircrafts are kept in a _____.
- A. garage
 - B. park
 - C. station
 - D. runway
 - E. hanger
44. Dead bodies are kept in _____ before they are buried.
- A. cold rooms
 - B. fridges
 - C. mortuaries
 - D. graves
 - E. asylums
45. The guitar is an example of the _____ instrument.
- A. wind
 - B. string
 - C. percussion
 - D. keyboard
 - E. local
46. Fish is a source of _____
- A. mineral and protein
 - B. vitamin and salt
 - C. starch and mineral salts
 - D. energy and vitamin
 - E. heat and energy
47. What is the name of the place where timber is sawn into wood?
- A. woodhouse
 - B. milling shop
 - C. furniture shop
 - D. carpenter's shop
 - E. saw mill
48. Which of these is not a raw material for bread?
- A. malt
 - B. yeast
 - C. sugar
 - D. flour
 - E. butter
49. The part of the building underground that supports the walls is known as _____.
- A. pillars
 - B. foundation
 - C. lintel

- D. german floor
E. P.O.P
50. Which of these materials will not be needed when making a foundation for a building?
A. cement
B. sand
C. granite
D. iron
E. roofing sheet
51. How many players make a football team?
A. fifteen
B. twelve
C. ten
D. nineteen
E. eleven
52. Which English team is popular with the slogan: 'Never Walk Alone'?
A. Liverpool
B. Manchester City
C. Manchester United
D. Chelsea
E. Arsenal
53. Which English team won last season's (2016/2017) EPL cup?
A. Liverpool
B. Leicester City
C. Chelsea
D. Man City
E. Arsenal
54. Christian Ronaldo, a very popular footballer, plays currently with _____
A. Manchester United
B. Barcelona
C. Real Madrid
D. Chelsea
E. Liverpool
55. How many weeks are there in a year?
A. fifty-two
B. fifty-eight
C. forty-six
D. fifty-six
E. sixty-three
56. The Williams sisters, Serena and Venus are associated with _____
A. basketball
B. rugby
C. football
D. table tennis
E. lawn tennis
57. Usain Bolt is one of the fastest sprinters in the world. Which of these countries does he come from?
A. USA
B. Jamaica
C. India
D. Kenya
E. France
58. Which of these musicians comes from Jamaica?
A. Bob Marley
B. Drake
C. Fela Kuti
D. Don Williams
E. Michael Jackson
59. An unmarried man is a bachelor. What is an unmarried woman called?
A. girl
B. lady
C. spinster
D. spouse
E. fiancé
60. The term, 'fortnight' describes one of the following.
A. a period of two weeks
B. a period of four nights
C. a period of one month and two days
D. a period seven days, four nights
E. a period
61. The monthly environmental sanitation exercise in Enugu holds
A. every Saturday
B. every second Saturday of the month
C. every last Saturday of the month
D. every fourth Saturday of the month

- E. every fourth Saturday and Sunday of the month
62. When does the monthly Environmental Sanitation in Enugu start and end?
A. 7 a.m. – 10 p.m.
B. 7 a.m. – 10 a.m.
C. 7 a.m. – 7 p.m.
D. 7 a.m. – 12 noon
E. 7 a.m. – 1 p.m.
63. The first lady of Enugu state is
A. Mrs Monica Ugwuanyi
B. Mrs Martha Ezigbo
C. Mrs Angel Okoroafor
D. Mrs Helen Umeh
E. Mrs Theresa Joshua
64. Which of these is one way of ensuring that one does not contract lassa fever?
A. constant sanitation of one's environment
B. drying of one's food outside without monitoring
C. regular consumption of bush meat
D. not reporting strange illnesses to health authorities
E. Keeping stray rats at home as pets
65. Which of these forms of food is more likely to give one energy?
A. fish
B. vegetable
C. egg
D. fruits
E. bread
66. Which of these animals is venomous?
A. lion
B. tiger
C. scorpion
D. lizard
E. crocodile
67. Which of these African countries did the Jewish nation reside in many years ago?
A. Egypt
B. Cameroon
C. Nigeria
- D. Togo
E. Benin Republic
68. The first point of socialization is the
A. church
B. school
C. family
D. club
E. playground
69. Enugu State shares a common boundary with
A. Lagos State
B. Kano State
C. Anambra State
D. Delta State
E. Ogun State
70. The quality of being truthful is called
A. cooperation
B. generosity
C. humility
D. honesty
E. order
71. The young of a whale is called a/an
A. whaling
B. calf
C. kid
D. dolphin
E. drake
72. The largest land animal is the
A. lion
B. elephant
C. hippopotamus
D. giraffe
E. buffalo
73. The largest bird which cannot fly is the
A. cockerel
B. ostrich
C. turkey
D. eagle
E. hawk

74. The writer of the famous *Things Fall Apart* is
- A. Wole Soyinka
 - B. Chimamanda Adigwe
 - C. Chinua Achebe
 - D. John P. Clark
 - E. Ifeoma Okoye
75. Which of these techniques is primarily employed in poetry?
- A. chapters
 - B. Acts and Scenes
 - C. dialogue
 - D. epilogue
 - E. stanza
76. Drama works should mainly be
- A. read aloud
 - B. acted on stage
 - C. read silently
 - D. read in public
 - E. written in verses
77. The totality of a people's way of life is referred to as
- A. idiom
 - B. culture
 - C. belief
 - D. norm
 - E. society
78. Which of these is not a natural disaster?
- A. overgrazing
 - B. earthquake
 - C. flood
 - D. typhoon
 - E. hurricane
79. Which of these is not a root crop?
- A. yam
 - B. potato
 - C. cocoyam
 - D. maize
 - E. carrot
80. Which of these is not a state in the Federal Republic of Nigeria?
- A. Benin
 - B. Delta
 - C. Ondo
 - D. Osun
 - E. Ekiti