

HILLRANGE SECONDARY SCHOOL, ENUGU
2023/24 ENTRANCE EXAMINATION INTO JS1 (GENERAL PAPER)

Name.....60 minutes.

Examination Number:

Instruction: Circle only the letter that contains the correct answer.

1. Which of these is not a reason to study technology?
 - A. Comfort and pleasure
 - B. Safety
 - C. Self-reliance
 - D. Self- empowerment
 - E. To commit crime
2. Which of the following are examples of high level technology?
 - A. Cars, cutlass, pen
 - B. Cellphone, cameras, aircraft
 - C. Cutlass, ships, anvil
 - D. Plier, bottle, hoe
 - E. Television, hoe, radio
3. The primary source of energy on earth is
 - A. Food stuff
 - B. Petrol
 - C. The Sun
 - D. The Moon
 - E. Water
4. Which of the following is not a safety device in a workshop?
 - A. fire extinguisher
 - B. fuel tank
 - C. helmet
 - D. sand bucket
 - E. coverall
5. Which of the following is the best way of rescuing an electric shock victim?
 - A. Call medical professionals
 - B. Turn off the electricity source
 - C. Hold the victim's hand
 - D. Check for injuries
 - E. Call the NEPA office
6. The treatment given to an injured person before the doctor's arrival is
 - A. stitching
 - B. surgery
 - C. first aid
 - D. scanning
 - E. lab tests
7. The presence or absence of ----- differentiates ferrous and non-ferrous metals
 - A. carbon
 - B. hydrogen
 - C. iron
 - D. lead
 - E. copper
8. A scientist who studies plants is known as a/an
 - A. botanist
 - B. ecologist
 - C. geologist
 - D. plantist
 - E. zoologist
9. A scientist who studies animals is known as a/an
 - A. botanist
 - B. ecologist
 - C. geologist
 - D. plantist
 - E. zoologist
10. Which of the following occupations is the odd one?
 - A. Civil engineering
 - B. Dentistry
 - C. Medicine and surgery
 - D. Nursing
 - E. Pharmacy
11. A/An _____ is a reasonable statement or explanation about a phenomenon
 - A. experiment
 - B. hypothesis
 - C. law
 - D. statement of problem
 - E. theory
12. A laboratory apparatus used for transferring solids is known as a
 - A. beaker
 - B. conical flask

- C. measuring cylinder
D. spatula
E. volumetric flask
13. When a hypothesis has been tested and found to be correct, it proceeds to become a/an
A. conclusion
B. idea
C. law
D. observation
E. theory
14. Respiration takes place in which part of the cell?
A. Cell membrane
B. Cytoplasm
C. Mitochondria
D. Nucleus
E. Ribosome
15. Organisms that manufacture their own food are known as
A. autotrophs
B. carnivores
C. herbivores
D. heterotrophs
E. omnivores
16. The following are examples of carnivorous animals except
A. cheetah
B. leopard
C. lion
D. tiger
E. zebra
17. Organisms that feed on both plants and flesh are known as
A. carnivorous animals
B. carnivorous plants
C. herbivorous animals
D. omnivorous animals
E. saprophytic animals
18. An organism's ability to respond to stimulus is known as
A. adaptation
B. growth
C. irritability
D. movement
E. Nutrition
19. The process whereby matter changes from solid to gas is known as
A. condensation
B. deposition
C. freezing
D. melting
E. sublimation
20. The boiling point of pure water is _____ degree celcius
A. 0
B. 35
C. 37
D. 99
E. 100
21. The types of reproduction is/are
A. asexual reproduction only
B. asexual and bisexual reproduction
C. sexual reproduction only
D. sexual and asexual reproduction
E. sexual and bisexual reproduction
22. The removal of waste product from the body is known as
A. digestion
B. egestion
C. excretion
D. growth
E. respiration
23. Living things increase in size (grow) by
A. accretion
B. binary fission
C. budding
D. cell multiplication
E. fragmentation
24. Which of the following metals exists as a liquid at room temperature?
A. Aluminium
B. Calcium
C. Copper
D. Gold
E. Mercury
25. Which of the following is an example of a citrus plant?
A. Cashew
B. Guava
C. Mango
D. Pear
E. Tangerine

26. Physical Education is the education that develops an individual
- socially
 - physically
 - emotionally
 - intellectually
 - all of the above
27. A partaker in short-distance races is called a
- footballer
 - gymnast
 - player
 - sport man
 - sprinter
28. The major concern of health education is to
- scare people
 - make people physically fit
 - attract sociable people
 - be informed of health matters.
 - prepare the person for the doctor
29. Recreation is better defined as any
- accepted activity during leisure time
 - performed activity in the evening
 - socially accepted activity performed during leisure time
 - socially accepted activity
 - activity meant for the elderly
30. Which one of the following concepts reflects the true nature of Modern Physical Education?
- Science of Movement
 - Movement Education
 - Physical training
 - Athleticism
 - Body movement
31. Sports injuries could occur as a result of all the following except
- anxiety
 - faulty equipment and facilities
 - obedience of rules and regulations
 - human error.
 - negligence
32. Athletics can be grouped into
- running and field events
 - jumping and running
 - 100m and long jump
 - track and field events
 - marathon and track events
33. The following are skills in soccer games except
- heading
 - passing
 - stance
 - volleying
 - kicking
34. Which of the following would be considered ethical access of a computer database?
- Going into the main office at school and changing your grades
 - Using the computer in a lab for research
 - Breaking into a government database and reading confidential information
 - Changing a misspelled word on the school's web site
 - Sending unsolicited messages to people
35. A person who uses a computer to gain illegal access to other computer systems, and files, usually through the use of telecommunications is called
- computer administrator
 - computer operator
 - computer user
 - computer hacker
 - computer repairer
36. ICT gadgets include the following except
- computer
 - fax
 - satellite
 - smart phone
 - torch light
37. In computer terminology, information means
- applied form of data
 - data in more intelligible form
 - facts and figures
 - program software
 - raw data
38. ICT gadget that allows voice communication between two people over a distance is known as
- facsimile
 - printer
 - radio
 - telephone
 - television

39. What is the most suitable input device for highlighting or selecting an object on the screen?
- Keyboard
 - Light key
 - Mouse
 - Pen drive
 - Scanner
40. The keyboard short cut for NEW DOCUMENT is
- CTRL+N
 - CTRL+S
 - CTRL+V
 - CTRL+X
 - CTRL+Z
41. Which of these is the work of a computer educator?
- He/she is responsible for improving the existing computer system
 - Responsible for teaching and training of computer related concept
 - Responsible for backing up data
 - Responsible for developing analytic software
 - Responsible for securing the computer lab
42. Video-conferencing depends on which piece of hardware?
- A podcast
 - A wireless router
 - A printer
 - A webcam
 - A mouse
43. Which of these could be used to communicate virtually with a class of children living in another country?
- E-mail
 - Zoom
 - Letter
 - SMS
 - Pager
44. Which year did Nigeria gain her independence?
- 1914
 - 1999
 - 2000
 - 1960
 - 1966
45. The responsibilities which every citizen is expected to carry out to ensure an orderly society are called
- privileges
 - entitlements
 - rights
 - duties
 - prayers
46. A total way of life of a particular group of people is called
- social value
 - culture
 - religion
 - behavior
 - social interaction
47. Which state in Nigeria has its slogan as 'Coal City'?
- Anambra
 - Ogun
 - Enugu
 - Cross River
 - Sokoto
48. Who was the first military Head of State in Nigeria?
- General Olusegun Obasanjo
 - General J.T.U Aguiyi-Ironsi
 - General Sani Abacha
 - General Murtala Mohammed
 - General Muhammadu Buhari
49. Who is the Vice President of Nigeria?
- Lolo Cecilia Ezeilo
 - Professor Yemi Osibanjo
 - Dr. Goodluck Jonathan
 - Mallam Adamu Adamu
 - Professor Chukwuma Soludo
50. The washing away of the top soil by the water and wind is known as
- burning
 - erosion
 - fallowing
 - leaching
 - acidity
51. The method of preserving food that involves high loss of water content is
- bleaching
 - drying
 - fermentation
 - freezing
 - salting

52. The process preventing harmful bacteria from growing in food by keeping kitchen utensils and oneself clean is called food
- agent
 - hygiene
 - nutrition
 - planning
 - preservation
53. A plant that grows in a place it is not wanted is called
- beans
 - crop
 - grasses
 - rice
 - weed
54. Which among the following is a reproductive part of the plant?
- Flower
 - Leaf
 - Stalk
 - Stem
 - Root
55. Which of the following is a ruminant animal?
- Cattle
 - Duck
 - Horse
 - Pig
 - Rabbit
56. The type of agriculture done to meet the family needs is known as
- commercial agriculture
 - mixed agriculture
 - subsistence agriculture
 - pastoral farming
 - taungya farming
57. When the sun shines on the skin, one of the following is produced.
- Vitamin A
 - Vitamin B
 - Vitamin C
 - Vitamin D
 - Vitamin E
58. The major aim of any business organization is to make
- image
 - liability
 - loss
 - profit
 - value
59. The process of inputting data into the computer is called
- processing
 - filing
 - keyboarding
 - commerce
 - recording
60. Exchanging of goods for goods best explains
- marketing
 - trade by barter
 - advertising
 - insurance
 - tourism
61. Coming early to work means
- regularity
 - immorality
 - punctuality
 - honesty
 - integrity
62. If you go to a supermarket and buy 5 cartons of Milk at #10,000, how much is a carton?
- ₦1000
 - ₦3000
 - ₦2000
 - ₦4000
 - ₦1500
63. Aliko Dangote is best known for which type of business?
- Cement production
 - Fan production
 - Omo production
 - Foam production
 - Phone production
64. Who is the president of World Trade Organization (WTO)?
- Ngozi Ochiaka
 - Hillary Clinton
 - Ben Bruce
 - Steve Jobs
 - Ngozi-Okonjo Iweala
65. Bringing a staff from a higher to a lower position is called
- appraisal
 - appointment

- C. demotion
D. promotion
E. Reinforcement
66. The following are elements of sound except
A. duration
B. intensity
C. metronome
D. pitch
E. quality
67. The act of creating dance is known as
A. blocking
B. choreography
C. cinematography
D. geography
E. Sceneography
68. Which of the following is a primary colour?
A. Blue
B. Brown
C. Green
D. Orange
E. Purple
69. Creativity is when an artist displays his personal
A. drawing
B. shading
C. sketching
D. skills
E. Works
70. In the Bible, who is Cain's father?
A. Noah
B. Joseph
C. Isaac
D. Adam
E. Abel
71. Which of the following persons received the ten commandments from God at Mount Sinai?
A. Abraham
B. Jacob
C. Moses
D. Joshua
E. Aaron
72. The first king of Israel was
A. Saul
B. David
C. Solomon
D. Solomon
E. Samuel
73. Which of these is not one of the twelve apostles of Jesus?
A. Judah
B. John
C. James
D. Andrew
E. Bartholomew
74. In the transfiguration, Peter asked to build three tents, one for Jesus, the other for Moses and the last for
A. Lazarus
B. Abraham
C. Elisha
D. Elijah
E. Isaiah
75. The forerunner of Jesus is
A. Jadas Iscarot
B. John the Baptist
C. Simon Peter
D. John son of Zebedee
E. Pontius Pilate
76. Who is the governor-elect in Enugu State in the just concluded gubernatorial election?
A. Dr Ifeanyi Ugwuanyi
B. Mr Peter Obi
C. Barr. Peter Mbah
D. Prof. Charles Soludo
E. Barr. Chijioke Edeoga
77. Which of these countries won the 2022 world cup?
A. Brazil
B. Argentina
C. England
D. Germany
E. France
78. The White House is to the United States, as is to Nigeria.
A. National Stadium
B. Opara Park
C. Lagos Island
D. Blue Palace
E. Aso Rock
79. The following are major political parties in Nigeria except
A. APC
B. APGA
C. LPG
D. LP
E. PDP
80. Who is the present INEC chairman in Nigeria?
A. Attahiru Jega
B. Yakubu Mahmood
C. Maurice Iwu
D. Olusegun Obasanjo
E. Ahmad Lawan