



KITH & KIN INTERNATIONAL COLLEGE

7/11 Kaoli Olusanya Street, Owoye Ibeshe, Ikorodu, Lagos State.

FIRST TERM EXAMINATION 2025/2026 ACADEMIC SESSION

NAME					
SUBJECT	BST	CLASS	JS 2	DURATION	2HOURS

INSTRUCTION: Each question is followed by four options lettered A to D. Find the correct option for each question and shade in pencil on your answer sheet, the answer space which bears the same letter as the option you have chosen.

BASIC SCIENCE

1. Which of the following is not a function of the skeletal system?
 - A. Support
 - B. Protection
 - C. Digestion
 - D. Movement
2. The type of skeleton found inside the body of mammals is called?
 - A. Exoskeleton
 - B. Endoskeleton
 - C. Hydrostatic skeleton
 - D. Cartilage skeleton
4. Which of these is not part of the human circulatory system?
 - A. Heart
 - B. Blood vessels
 - C. Lungs
 - D. Blood
5. The main organ of the respiratory system is the?
 - A. Kidney
 - B. Heart
 - C. Lungs
 - D. Liver
6. The SI unit of mass is?
 - A. Meter
 - B. Kilogram
 - C. Second
 - D. Newton
7. Which of the following is a scalar quantity?
 - A. Force
 - B. Velocity
 - C. Distance
 - D. Displacement
8. The ability to do work is called?
 - A. Force
 - B. Energy
 - C. Power
 - D. Motion
9. Which of the following is a form of energy?
 - A. Mass
 - B. Heat
 - C. Length
 - D. Density
10. Which of the following represents work done?
 - A. Force × Time
 - B. Force × Distance

C. Mass \times Acceleration
D. Power \times Time

11. Power is defined as?
A. Work \times Time
B. Work \div Time
C. Force \times Distance
D. Energy \times Distance

12. Which part of the human circulatory system pumps blood?
A. Veins
B. Heart
C. Arteries
D. Capillaries

13. The skull protects which organ?
A. Lungs
B. Brain
C. Heart
D. Stomach

14. A mixture of kerosene and water can be separated by?
A. Filtration
B. Separating funnel
C. Magnet
D. Sieving

15. The circulatory system transports _____ around the body.
A. Saliva
B. Blood
C. Urine
D. Sweat

16. Which bone is found in the arm?
A. Femur
B. Humerus
C. Tibia
D. Fibula

17. The main function of red blood cells is?
A. Fighting diseases
B. Transporting oxygen
C. Clotting blood
D. Producing hormones

18. Which of the following is not part of the blood?
A. Plasma
B. Platelets
C. Nephrons
D. White blood cells

19. A force of 10 N moves a body through a distance of 5 m. The work done is?
A. 2 J
B. 5 J
C. 50 J
D. 15 J

20. The SI unit of energy is?
A. Joule
B. Newton
C. Watt
D. Pascal

Information and Communication Technology, ICT

1. A computer is used in a the school for _____

- A. transaction
- B. data entry
- C. diagnosis
- D. teaching and learning**

2. One of the following is not a classification of computer

- A. Size
- B. Types
- C. Colour**
- D. Purpose

3. Artificial Intelligence was launched in the year _ in _

- A. 1979, United States
- B. 1980, China
- C. 1981, London
- D. 1982, Japan**

4. Laptops, desktops and palmtops are examples of _____

- A. super computers
- B. mainframe computers
- C. mini computers
- D. micro computers**

5. Smartphone is an example of _____ computer

- A. Analog
- B. Digital**
- C. Laptop
- D. Hybrid

6. _____ is **NOT** a component of a computer

- A. Hardware
- B. Software
- C. Usersware**
- D. People ware

7. _____ generation of computers used a transistor

- A. 1st
- B. 2nd**
- C. 3rd
- D. 4th

8. This device is an example of _____ a/an device

- A. output**
- B. processing
- C. input
- D. storage



9. One of the options below is the correct process for a functional computer

- A. accept, stores, output, process
- B. accept, process, stores, output**
- C. process, stores, output, accept
- D. accept, output, process, stores

10. There are _____ classifications of computer by types

- A. 6
- B. 4
- C. 3**
- D. 2

11. The set of instruction, programs and data that tell a computer or other electronic device what to do is _____

- A. hardware

- B. programs
- C. **software**
- D. codes

12. Number to base 2 is called _____

- A. Denary
- B. **Binary**
- C. Octal
- D. Hexadecimal

13. The people who make and use the computer system is referred to as

- A. hardware
- B. Userware
- C. **People ware**
- D. professionals

14. 0, 1, 2, 3, 4, 5, 6, 7 is called base ____?

- A. base 2
- B. **base 8**
- C. base 10
- D. base 16

15. if A=10 in base₁₆, what is F?

- A. 14
- B. **15**
- C. 16
- D. 17

16. RAM stands for _____

- A. Read along message
- B. Route after memory
- C. **Random Access Memory**
- D. Random along memory

17. One of the options is an **NOT** example of an operating system

- A. MS-DOS
- B. PC-DOS
- C. LINUX

D. **COBOL**

18. The image below is an example of ____ a/an device

- A. processing
- B. input
- C. storage
- D. **output**



19. _____ is the collection of programs that acts as an interface between the user's program and the computer hardware.

- A. **Operating System**
- B. Program
- C. Software
- D. Translator

20. ALU means _____

- A. Arithmetic and Logic Units
- B. Arithmetic and Logic and Unit
- C. Arithmetic and Logic Unit
- D. **Arithmetic Logic Unit**

Physical Health Education, PHE

SECTION A: Objective

INSTRUCTION: Answer all question from this section pick from option letter a-d, the correct answer.

1. Which of these is NOT a phase of pole vaulting?

- A. Grip
- B. Run-up
- C. Plant and take-off

D. Kicking

2. The correct grip in pole vault involves:

- A. Both hands close together
- B. One hand behind the pole
- C. Hands crossed
- D. Hands apart, one higher than the other

3. The run-up in pole vault should be

- A. Slow and relaxed
- B. Random
- C. Zigzag
- D. Controlled and fast

4. The body that promotes sports in Nigeria is:

- A. NAFDAC
- B. FRSC
- C. CBN
- D. NFF

5. The pole in pole vault is usually made from:

- A. Fiberglass
- B. Bamboo
- C. Steel
- D. Iron

6. What is the landing area in pole vault called?

- A. Pit

B. Ring

C. Court

D. Lane

7. The plant box in pole vault is used for

- A. Fixing the pole during take-off
- B. Landing
- C. Standing start
- D. Measuring run-up

8. The main objective in pole vault is to:

- A. Jump high
- B. Jump far
- C. Run fast
- D. Throw pole

9. One importance of sports promotion agencies is

- A. Talent discovery
- B. Poverty increase
- C. Unemployment
- D. Idleness

10. Javelin is classified under:

- A. Track events
- B. Throwing events
- C. Jumping events
- D. Games

11. Which part of the body leads during javelin release?

- A. Legs
- B. Head
- C. Throwing arm
- D. Shoulder

12. The javelin must land:

- A. Outside the sector
- B. In the stands
- C. Within the throwing sector
- D. Behind the line

13. The release angle of javelin is about

- A. 30–36°
- B. 20°
- C. 10°-30
- D. 50°

14. Which career requires sports science?

- A. Physiotherapist
- B. Farmer
- C. Lawyer
- D. Trader

15. Which of these is a bacterial disease?

- A. Tuberculosis
- B. Malaria
- C. AIDS
- D. Ringworm

16. HIV is caused by a:

- A. Virus
- B. Fungus
- C. Protozoa
- D. Bacteria

17. Malaria is caused by:

- A. Mosquito
- B. Plasmodium parasite
- C. Virus
- D. Bacteria

18. Which preventive measure controls cholera?

- A. Mosquito net
- B. Vaccination
- C. Hand gloves
- D. Face mask

19. Which of these spreads HIV/AIDS?

- A. Mosquito bite
- B. Mosquito spray
- C. Sneezing
- D. Sharing sharp objects

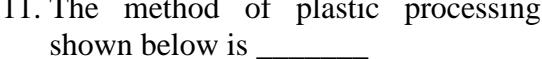
20. Hockey is played with

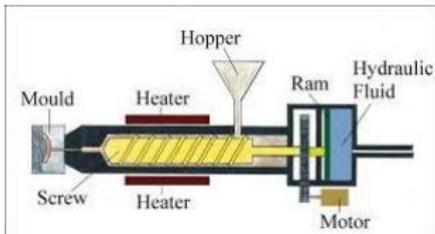
- A. Rackets
- B. Sticks
- C. Hands
- D. Feet only

Basic Technology B.Tech

1. Which of the following is property of wood?
 - A. Brittleness
 - B. Ductility
 - C. Elasticity
 - D. Rigidity
1. The following are raw materials used for making engineering products EXCEPT.
 - A. wood
 - B. metal
 - C. rubber
 - D. air
2. The first action taken in care of bleeding is to _____.
 - A. apply pressure with cleaning cloth
 - B. cover surface with cleaning cloth
 - C. place the victim in recovery position
 - D. give victim water
3. Which of the following material is NOT placed in a first aid box?
 - A. plaster
 - B. syringe
 - C. gloves
 - D. goggles
4. The method of reducing moisture content in a wood is _____.
 - A. preservation
 - B. conversion
 - C. seasoning
 - D. carving
5. Cutlery are usually made of
 - A. copper
 - B. wood
 - C. stainless steel

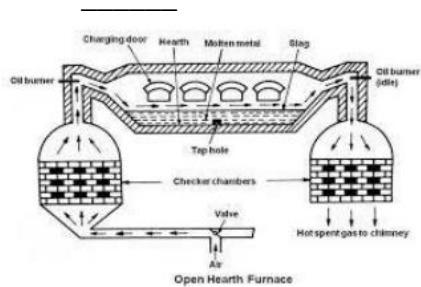
- D. aluminium
6. Rescue operation on the road are carried out by _____.
 - A. LASTMA officer
 - B. road safety officers
 - C. sanitary inspector
 - D. air force officers
7. One of the following is advantage of quarter sawn over plane sawn.
 - A. very fast and cheap
 - B. produce more stable and beautiful planks
 - C. produce more waste
 - D. produce cheap and quality board
8. The drawing instrument used for transferring measurement is
 - A. compass
 - B. divider
 - C. protractor
 - D. ruler
9. In first aid, the image shown below is called _____.

 - A. tweezers and forceps
 - B. holders
 - C. scantier
 - D. pincer
10. A quadrilateral that has four equal sides at right angle to each other is
 - A. rectangle
 - B. rhombus
 - C. square
 - D. kite
11. The method of plastic processing shown below is _____.




A. injection process
 B. extrusion process
 C. compression process
 D. calendaring process

12. The image of furnace shown below is



A. open hearth
 B. electric arc
 C. blast
 D. cupola

13. The products shown below are made of _____



A. wood
 B. glass
 C. metal
 D. cement

14. Tin is generally used for _____

A. manufacturing aircraft
 B. producing cutting tools
 C. decorative purpose
 D. producing roofing sheet

15. A good timber possess all this qualities EXCEPT

A. straight fibre
 B. uniform colour
 C. lack of defects
 D. no grain

16. The following are methods of processing of metals EXCEPT.

A. electrolysis
 B. powder forming
 C. smelting
 D. potter's wheel

17. _____ is the processing of metal by chemical reaction with the use of electricity.

A. Smelting
 B. Smoking
 C. Electrolysis
 D. Printing

18. The wooden product shown below are categorized as _____

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A. plane board
 B. manufactured wood
 C. laminated board
 D. rift board

19. The image shown below are made of _____



A. metal
 B. ceramics
 C. plastics

D. glass

20. The following are methods of processing of metals EXCEPT.

E. electrolysis

F. powder forming

G. smelting

H. potter's wheel

SECTION B: THEORY

INSTRUCTION: Answer any **four (4)** question in All – two from each section.
All questions carry equal marks.

BASIC SCIENCE

Answer any one question from this section

1. (a) Define a compound and give one example. (2 marks)
 (b) Mention & explain three types of skeleton in animals. (3 marks)
 (c) List two functions of the circulatory system. (2 marks)
 (d) List three methods of separating mixtures. (3 marks)

2. (a) State two blood diseases. (2 marks)
 (b) Define scalar and vector quantities, giving one example each. (2 marks)
 (c) Mention three features of body image. (3 marks)
 (d) A pump lifts 200 litres of water (density = 1000 kg/m^3) to a height of 10 m in 20 seconds. Calculate the power of the pump. (Take $g = 10 \text{ m/s}^2$). (3 marks)

ICT JSS2 1ST TERM THEORY

Answer any one question from this section

1a. Copy and complete the below table with the required classifications of computer

Generation	Types	Size	Purpose

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[
7mark
s]

1b. state 3 examples of computer professional
[3marks]

2a. state 2 functions of an operating system and any 3 types of operating system
[5marks]

2b. write the full name of the following computer professional in Nigeria
 i. NCS ii. NIG iii. NSE iv. COAN v. NCC
[5marks]

PHE SECTION B: Theory Questions.

Answer any one question from this section

1A. Describe the phases of javelin throw.
 (2 marks)

B. Mention three types of javelin grips.
 (3 marks)

C. Explain two basic skills in pole vault
 (2 marks)

D. Differentiate between communicable and non-communicable diseases with two examples of each.
 (1 mark)

E. List five components of physical fitness.
 (2 marks)

2A. Highlight four sports promotion agencies in Nigeria.
 (2 marks)

B State four functions of sports promotion agencies. (2 marks)

C. State four skill-related components of fitness.
(2 marks)

D. List four basic skills in hockey.
(4 marks)

BASIC TECHNOLOGY

Answer any one question from this section

1. (a) Narrate one rescue operation you observed in not more than ten sentences. (3marks)
(b) Explain how to give first aid to person with simple cut/bleeding in ten sentences (3 marks)
(c) Explain briefly the production of pig iron in metal processing and include the furnace and materials used in your explanation. (2marks)
(d) Explain briefly processing of natural rubber in not less than ten sentences with definition of tapping, coagulation, mixing, compounding, vulcanization and other terms in your explanation.
(2marks)

2. (a) Define the following electrolysis, wood felling, smelting and wood conversion (3 marks)
(b) List four examples of natural wood defects (3 marks)
(c) List four methods of forming glass . (2 marks)
(d) List four properties of metals (2 marks)