

KITH & KIN INTERNATIONAL COLLEGE

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

FIRST TERM EXAMINATION 2025/2026 ACADEMIC SESSION

NAME		CLASS	J.S.S.1	DURATION	1 1/2 HR
SUBJECT	BASIC SCIENCE AND TECHNOLOGY OBJECTIVE				

Section. A BASIC SCIENCE

1. The first step in the scientific method is _____.

- A. Observation
- B. Experiment
- C. Hypothesis
- D. Conclusion

2. Which of these is a career in science?

- A. Engineer
- B. Footballer
- C. Actor
- D. Musician

3. All living things respond to _____.

- A. stimulus
- B. paper
- C. shoes
- D. ruler

4. The first stage of human development is _____.

- A. Infant stage
- B. Childhood
- C. Adulthood
- D. Old age

5. Which of these is a physical change in girls at puberty?

- A. Beard growth

B. Deep voice

C. Menstruation

D. Broad shoulders

6. Which of these is a sign of old age?

- A. Wrinkled skin
- B. Beard growth

C. Menstruation

D. Tall height

7. A teenager belongs to the stage of _____.

- A. Adolescence
- B. Childhood
- C. Adulthood
- D. Old age

8. The period when a woman stops menstruating is called _____.

- A. Menopause
- B. Adolescence
- C. Puberty
- D. Infancy

9. A healthy environment must be free from _____.

- A. Dirt and germs
- B. Fresh air
- C. Clean water
- D. Sanitation

10. One way to prevent family conflict is _____.

- A. Good communication
- B. Fighting
- C. Hatred
- D. Gossip

11. One effect of poor family health is _____.

- A. Frequent sickness
- B. Joy
- C. Happiness
- D. Success in school

12. The process by which sperm and egg join together is _____.

- A. Fertilization
- B. Ovulation
- C. Menstruation
- D. Ejaculation

13. The process of releasing a mature egg from the ovary is called _____.

1. Economic activities in technology include the following EXCEPT
 - A. communication
 - B. food preservation
 - C. Book distribution
 - D. Transportation
2. Workshop hazard can be prevented by
 - A. giving first aid
 - B. avoiding using machine
 - C. obeying safety rules
 - D. working very well
3. The property of a material to crack easily is known as _____
 - A. hardness
 - B. brittleness
 - C. toughness
 - D. ductility
4. Knowledge in technology will give you the following EXCEPT.....
 - A. self-reliant
 - B. lazy

A. Fertilization

B. Ovulation

C. Ejaculation

D. Implantation

14. The union of sperm and egg produces a _____.

- A. Foetus
- B. Embryo
- C. Zygote
- D. Baby

15. The unborn baby in the womb is called _____.

- A. Infant
- B. Embryo/fetus
- C. Toddler
- D. Zygote

SECTION BASIC TECHNOLOGY

- C. technology literate
- D. make life easy.
- 5. The following are ways to develop technology in Nigeria EXCEPT.
 - A. interest in technical subject
 - B. making research
 - C. copying/imitating products
 - D. importing products
- 6. Which of these is NOT a human factor that can cause accident in the workshop?
 - A. Distraction
 - B. Damage tools
 - C. Fatigue
 - D. Stress
- 7. A file without handle should not be used in the workshop because _____
 - A. will not file well
 - B. can pierce the palm
 - C. may cause breakage

D. will affect the work
 8. Which of the following is NOT true of ceramics?
 A. They are malleable when mix with water
 B. Can withstand high temperature
 C. They are light in weight
 D. Have high resistance to heat
 9. The picture shown below is



A. emergency exit
 B. fire extinguisher
 C. emergency assembly point
 D. first aid available
 10. The following profession can work in oil and gas companies EXCEPT
 A. mechanical engineer
 B. aeronautic engineer
 C. safety engineer
 D. petroleum engineer
 11. Some metals have the ability to be hammered or beaten into shape without cracking. This quality is known as
 A. ductility
 B. malleability
 C. toughness
 D. fusibility

12. Glass is used to manufacture eye glasses and lenses because of this property of
 A. brittleness
 B. resistance to corrosion
 C. transparent
 D. resistance to heat.
 13. In a community of learners consist of 5000 males and 3500 females, some are primary school, junior secondary school and senior secondary school students. Who should learn technology?
 A. Primary school students only
 B. Junior secondary students only
 C. The whole community of learners
 D. Junior and senior secondary students only.

14. The mixture or fusion of metals is called
 A. ceramics
 B. alloy
 C. sonorous
 D. glass
 15. The following are properties of rubber EXCEPT
 A. elasticity
 B. rigidity
 C. odour
 D. softness
 E.

SECTION C – ICT JSS1 1ST TERM QUESTIONS

1. The Iron Age made use of ___ tool to make weapons and tools
 A. rod
B. iron
 C. sand
 D. water

2. ___ was the period when copper and bronze were used to make tools and weapons.
 A. Middle Age
 B. Ice Age
C. Bronze Age
 D. System Age

3. One of the following is an example of an output device

A. Monitor
 B. hard drive
 C. system unit
 D. Mouse

4. UPS stands for
A. Uninterruptible Power Supply
 B. Uninterruptible Pass Supply
 C. Uninterrupted Power Supply
 D. Uninterruptible Power Supplement

5. ___ are used to send data into the computer for processing
A. Input
 B. Output
 C. Storage

D. Processing

6. The image of an early counting device below is called

- A. **pebbles**
- B. fingers
- C. sticks
- D. stones



7. One of these is an example of non - electronic means of transmitting information

- A. **newspaper**
- B. telephone calls
- C. television broadcast
- D. radio broadcast

8. _____ devices are used to bring out or display processed information from the computer

- A. Input
- B. **Output**
- C. Storage
- D. Processing

9. The two methods of information transmission are

- A. Yesterday and Today
- B. Modern and Nowadays
- C. **Ancient and Modern**
- D. Today and Tomorrow

10. John Napier invented _____ in the year

- A. Blaise Pascal Machine 1617
- B. **Napier Bone 1617**
- C. Leibnitz Calculator 1617
- D. Analytical Engine 1617

11. The device in the image below is used to broadcast

- A. **audio**

- B. audio and video
- C. video
- D. pictures

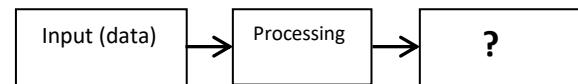


12. 40. What is the correct name for this device below?



- A. scanner
- B. **projector**
- C. joystick
- D. speaker

13. What is end result of the process in the image below?



- A. **Output**
- B. Input
- C. Save
- D. Printing

14. The device below is used for _____



- A. printing
- B. **typing**
- C. playing games
- D. project audio

15. 1st generation of computers used _____

- A. Transistors
- B. **Vacuum Tubes**
- C. Micro processors
- D. Integrated Circuit

SECTION D: PHYSICAL AND HEALTH EDUCATION

JSS1

1. Physical Education is mainly concerned

- A. mental development
- B. physical development
- C. spiritual development
- D. financial development

2. The main aim of Health Education is to _____.

- A. keep people informed about money
- B. promote health and prevent diseases

C. make people wealthy

D. train people for war

3. Which of these is a water safety rule?

A. Swim alone

B. Avoid swimming in deep waters

C. Swim when tired

D. Swim in dangerous places

4. Which of the following is a safety precaution in Physical Education?

A. Wear proper kits

B. Ignore teacher's instruction

C. Play rough games

D. Refuse to warm up

5. The difference between Physical and Health Education is that Physical Education deals with exercise while Health Education deals with _____.

A. money

B. nutrition and prevention of diseases

C. music

D. entertainment

6. Which of these is within the scope of Physical Education?

A. Mathematics

B. Athletics

C. Literature

D. Geography

7. The act of brushing the teeth prevents:

A. Fever

B. Tooth decay

C. Measles

D. Malaria

8. Which of these sports is NOT a track and field event?

A. Discus

B. Javelin

C. Football

D. Long jump

9. Which is a performance-related component of fitness?

A. Cardiovascular endurance

B. Agility

C. Muscular strength

D. Flexibility

10. Physical fitness helps a person to _____.

A. be lazy

B. resist diseases and perform tasks

C. avoid playing games

D. stop learning

11. Running long distances develops _____.

A. muscular strength

B. cardiovascular endurance

C. flexibility

D. speed only

12. Which exercise improves flexibility?

A. Stretching

B. Weightlifting

C. Jumping

D. Boxing

13. Which of the following activities improves endurance?

A. Marathon running

- B. Sleeping
- C. Watching television
- D. Eating
- B. Jogging
- C. Drinking alcohol
- D. Eating junk food

14. One of the first safety precautions before exercise is

_____.

- A. warming up
- B. sleeping
- C. watching television
- D. drinking soda

15. Which of these activities is best done in the morning?

- A. Smoking

SECTION A: BASIC SCIENCE

Answer only **one** question from this section.

- 1A. Define science (1 mark)
- B. State two characteristics of living things. (2 marks)
- C. Differentiate between living and non-living things. (2 marks)
- D. List two stages of human development. (2 marks)
- E. Mention three physical changes in boys and three in girls during puberty. (3 marks)
- 2A. List two signs of old age. (2 marks).
- B. Explain two ways of maintaining good family health. (2 marks).
- C. State accordingly scientific methods (steps in solving problems) (4 marks)
- D. Complete the acronym; (MR. NIGER D)

Answer: (2 marks).

M— _____

R--- _____

N--- _____

I--- _____

G--- _____

E--- _____

R--- _____

D--- _____

SECTION B: BASIC TECH THEORY

Answer only ONE questions from this section.

1. (a) Define the following i. basic technology ii. workshop safety iii. Properties of material iv. Career prospect. (2 marks)
(b) Give four reasons for using materials to make things. (2 marks)
(c) Identify the following safety devices.



(d) List four technological related subjects in senior secondary school. (2 marks)
(e) Identify workshop safety signs below. (2 marks)



2. (a) Give four safety rules and regulation for bench workers (2 marks)

(b) List four properties of metals
 (c) Identify the materials used in images shown below.
 (marks)

(2 marks)
 (2 marks)



i.



ii.



iii.



iv.

(d) list four properties of rubber.
 (e) List four properties of ceramics.

(2 marks)
 (2 marks)

SECTION C: THEORY ICT

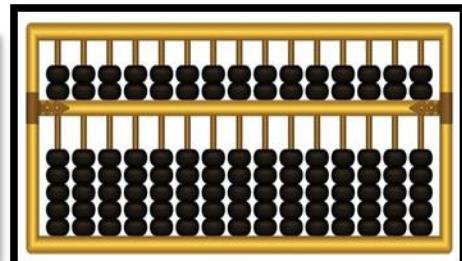
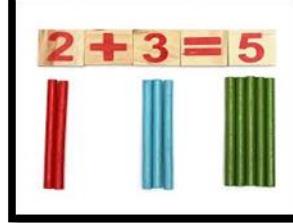
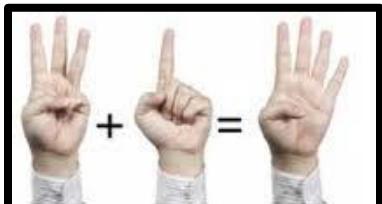
Answer only ONE questions from this section

1a. copy and classify the following into the correct method as shown below **drawing signs, printing, fire lighting, telephone, town crying, television, email, , radio, whistling, and drum beating.**

	Ancient Method	Modern Method
1		
2		
3		
4		
5		

[5marks]

1b. Study the below pictures of early counting devices and write the name of all five (5) early counting device you can identify.



1. _____
 2. _____
 3. _____
 4. _____
 5. _____



[5marks]

2a. study the images below and identify any three (2) input devices and two (2) output devices





[5marks]

3b. Copy and complete the table below with the correct technology used

	Generation	Technology	Year
1	1st generation		
2.	2nd generation		
3.	3rd generation		
4.	4th generation		
5.	5th generation		

[5marks]

SECTION D :[THEORY PHE

Answer only ONE question from this section

Q1A. Define Physical Education. (2 marks)

B. List four objectives of Physical Education. (4 marks)

C. Mention two branches of Physical and Health Education. (2 marks)

D. State two values of Physical Education to national development. (2 marks)

2A. What is personal hygiene? (1 mark)

B. List two examples of personal hygiene practices. (2 marks)

C. State three importance of personal hygiene. (3 marks)

D. Mention two communicable diseases related to poor hygiene. (2 marks)

E. State two importance of sanitation in the school environment. (2 marks)