

JOY INTERNATIONAL COLLEGE KADUNA

HOME-WORK

SUBJECT: **BSJ JSS2**

S/N	REVISION TOPIC	CONTENT	OBJECTIVES
1	BASIC SCIENCE		
1&2	GRAVITATION & WEIGHTLESSNESS	MEANING OF GRAVITATION MEANING OF WEIGHTLESSNESS EFFECTS OF GRAVITATION ON OBJECTS	STUDENTS SHOULD BE ABLE TO: DEFINE GRAVITATION DEFINE WEIGHTLESSNESS DESCRIBE A GRAVITATIONAL FIELD STATE THE EFFECTS OF GRAVITATION ON OBJECTS
	THE EARTH IN SPACE	THE GLOBE THE SOLAR SYSTEM ROTATION & REVOLUTION OF THE EARTH ROTATION & REVOLUTION OF THE MOON	STUDENTS SHOULD BE ABLE TO: UNDERSTAND WHY THE EARTH IS A GLOBE DEFINE THE SOLAR SYSTEM UNDERSTAND THE ROTATION & REVOLUTION OF THE EARTH UNDERSTAND THE ROTATION & REVOLUTION OF THE MOON
	PHE	MRS SILVIA 08051684238	
1&2	Gymnastics	<ul style="list-style-type: none"> - Definition of gymnastics - History of gymnastics - Basic skills in gymnastics 	You should be able to; <ul style="list-style-type: none"> - Define the concept gymnastics - Discuss the history of gymnastics - State the basic skillsin

	Gymnastics	<ul style="list-style-type: none"> - Classification of gymnastics activities - Facilities and equipment in gymnastics. - Definition of spotter - Duties of a spotter 	gymnastics <ul style="list-style-type: none"> - Identify classification of gymnastics activities - List the facilities and equipment in gymnastics - Define the concept spotter - List duties of a spotter
	BASIC TECH		
1-2	GEARS	1. Types of Gear: e.g internal gear, external gear and bevel gear 2 Uses of Gears: - power transmission, - changing direction - selecting speed 3 Gear Ratios and Speed Rotation 4 Functions of lubricants in Gears	1. Identify different types of gears 2. State the uses of the various types of gears in a mechanical system 3. Determine gear ratios 4 Describe the relationship between gear ratio and speed of rotation 5 State the functions of lubricants in gears
	COMPUTER	MR STEPHEN ORHA	08133183826
1	Graphics Packages	Meaning and examples and features	Students should be able to: -Define graphic packages -Give example of graphic packages -State features of graphic packages
2	Microsoft Paint	Meaning of paint Features of paint environment Paint tools	Students should be able to: 1. identify the features of the Paint environment; 2. list the paint tools;

			3. explain the functions of the various tools; 4. Use paint to draw and colour simple objects
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REVISION QUESTIONS FOR TOPIC 1

COMPUTER

1. VDU is another name for -----
A. television B. Projector screen
C. Screen D. Monitor

2. Which of these is NOT a feature of Paint
A. Title bar B. Menue bar
C. Color Palette D. Slide sorter

3. In the acronym ICT, C stands for ---
A. communication B. compact
C. computer D. community

4. One of the following is NOT a graphic package
A. Microsoft paint B. Microsoft Excel
C. Photoshop D. CorelDraw

5. The general features of graphic packages include all the following except
A. title bar B. menu bar
C. tool box D. music box

PHE

1. _____ is the systematic form of exercise done with or without the use of apparatus.
A. athletics B. spotting C. Gymnastics D. Tennis

2. The father of gymnastics is known as _____
A. Johan Guths Muth B. Johan Basedow C. Ludwig Johan D. Frederick Ludwig Jahn

3. The World controlling body of gymnastics has its headquarters in _____
A. Berlin B. Germany C. England D. Switzerland

4. Which of the following is Not a trampoline activity?
A. post man walk B. sit drop C. knee bounce D. back drop

5. The following are types of vaulting activities in gymnastics EXCEPT?
A. Squat vault B. Rear Vault C. Straddle vault D. Front Vault

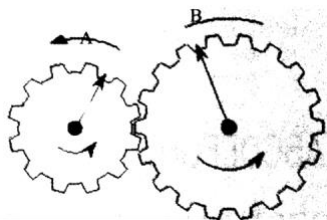
BASIC SCIENCE

1. Gravitational force is dependent on _____ & _____
 - (a) Size & Mass
 - (b) Mass & Weight
 - (c) Size & Distance
 - (d) None of the above
2. For weightlessness to be achieved, it is dependent on _____ & _____ to be equal.
 - (a) Circular motion & Gravitational Pull
 - (b) Push & Pull
 - (c) Gravitational Force & Force of Gravity
 - (d) All of the above
3. One is an effect of Gravitation on objects
 - (a) Man is able to walk erect
 - (b) Birds are able to fly
 - (c) Objects are able to float
 - (d) Objects are able to fall off the surface of the earth
4. Weightlessness is only a feeling but does not mean that the object has no weight.
 - (a) True
 - (b) False
 - (c) Many be
 - (d) None of the above
5. Where does weightlessness occur?
 - (a) Space
 - (b) Anywhere
 - (c) Moon
 - (d) Sun

BASIC TECH

1. If gear **A** pulls gear **B**, then gear **B** becomes

- A. driven
- B. driver
- C. driving
- D. follower



2. Which of the following gear is engaged when driving at top speed?

- A. Bevel
- B. High
- C. Low
- D. Neutral

3. When two gears mesh, one is called the driver while the other is

- A. chain
- B. driven
- C. pinion

D. Shaft

4. The following are importance of lubricants on gears except

- A. reduce heat
- B. serves as shock absorber when gears are under pressure
- C. increase friction
- D. reduce the effect of friction

5. In a gearing system, if the **driving** gear has more teeth than the driven gear, the driven gear will revolve

- A. anticlockwise like the driving gear
- B. at the same speed as the driving gear
- C. faster than the driving gear
- D. slower than the driving gear

REVISION QUESTIONS FOR TOPIC 2

COMPUTER

10. Which of the following colours is used with the pencil and brush

- A. Colour 1 B. Colour 2
- C. Colour 3 D. None of the above

11. Which of these tools can be used to enlarge images or drawings in paint environment?

- A. pencil tool B. magnifier
- C. Zoom tool D. shape tool

12. IT is an acronym for---

- A. Information Technology
- B. Information Transmission
- C. Information Transmitting
- D. Internet Transfer

13. CAD stands for---

- A. Computer Aided Design
- B. Computer Advance Design
- C. Computer Application Design
- D. Computer Architectural Design

14. The first and top most portion of the windows paint environment is known as—

- A. title bar B. menu bar
- C. task bar D. printable area

BASIC SCIENCE

1. Which of the following is NOT a planet in the solar system:

- (a) Mercury
- (b) Pluto
- (c) Jupiter
- (d) Earth

2. The time it takes the earth to revolve once round the sun is called_____

- (a) A lunar year

- (b) One revolution
 - (c) 360 days
 - (d) Frequency of revolution
3. The moon revolves around the earth in about _____ days
- (a) 1
 - (b) 28
 - (c) $28\frac{1}{4}$
 - (d) 40
4. All the planets have a _____ shape
- (a) Cubical
 - (b) Spherical
 - (c) Flat
 - (d) Round
5. The solar system can be divided into two categories _____ & _____
- (a) Terrestrial & Jovian
 - (b) Jovian & Ice Giant
 - (c) Ice Giant & Gas Giants
 - (d) Gas Giants & Terrestrial

PHE

1. The following are stunt activities EXCEPT.
- A. V-sit B. duck walk C. wheel barrow D. Cartwheel
2. Which of the following activities requires a gymnast to leap over an obstacle?
- A. Cartwheel B. Balancing C. Vaulting D. Trampoline
3. Which of the following assist a gymnast?
- A. Spotter B. athlete C. gymnast D. Starter
4. Gymnastic activities are classified into _____.
- A. 5 B. 4 C. 6 D. 3
5. The following equipment in gymnastic EXCEPT?
- A. Balance beam B. Bench C. Gym D. Ropes

BASIC TECH

1. Calculate the gear ratio if the driver gear has 20 teeth and the driven gear has 30 teeth
- A. 2:1
- B. 2:3
- C. 3:2
- D. 1:2
2. What is the speed of the pinion in a gear train, if the wheel has 100 teeth, turns at 120 rev/min and the number of teeth in the pinion is 60?
- A. 100 rev/min
- B. 200 rev/min

- C. 130 rev/min
- D. 150 rev/min

3. To reduce frictional effect between two meshing gears _____ is used

- A. grease
- B. cream
- C. gear oil
- D. gear water

4. Which of the following is NOT a type of gear?

- A. speed gear
- B. Internal gear
- C. Bevel gear
- D. Worm gear

5. The commonest materials for making gears are _

- A. plastic
- B. wood
- C. metals
- D. paper