

ST. PETER'S COLLEGE GARAKU

Scheme of work for:

Term: 3rd, **Session:** 2019/2020, **Class:** SSS2 , **Subject:** Biology Website: www.spcgaraku.com.ng, e-mail: contact@spcgaraku.com.ng Tel: 0814 418 4838, 0805 398 9481 Facebook, Telegram & Twitter: @myspcgaraku

TOPIC/ CONTENT

WEEK 1:

CONSERVATION OF NATURAL RESOURCES

• Meaning, Reasons for, ways of ensuring conservation, problems associated with conservation

REFERNCE: Functional biology page 81-85 & Stan Biology page 114-125

WEEK2:

CONSERVATION OF NATURAL RESOURCES

- Need to conserve petroleum and natural gas
- Methods of conserving a given natural resource
- Benefits of conservation

REFERNCE: Functional biology page 81-85 & Stan Biology page 114-125

WEEK3:

PEST OF CROPS

• Definition, classification, life cycle of some pests, and control of pests

RFERENCE: Functional biology page 86-92 & Stan Biology page 126-132

WEEK4:

DISEASES OF CROPS

• Definition, causative organism or agents, control of disease

REFFERNCE: Functional biology page 81-85 & Stan Biology page 126-132

WEEK 5:

REPRODUCTIVE SYSTEM IN VERTERATES

• Reproductive systems in fishes and birds

REFERNCE: Functional biology page 93-96 & Stan Biology page 133-138

WEEK6:

REPRODUCTIVE SYSTEM IN VERTERBRATES

• Reproductive system in mammals

- Structure of the male and female reproduction system
- Parts of the of reproductive system and their functions

REFERENCE: Functional biology page 97-99 & Stan Biology page 139-140

WEEK7:

REPRODUCTIVE SYSTEM IN VERTEBRATES

- Structure of the male and female gamates
- Differences between the two gamates
- Comparison of reproductive systems in vertebrates

REFERENCE: Functional biology page 100 & Stan Biology page 141

WEEK8:

REPRODUCTIVE SYSTEM IN PLANTS

• Structure and function of reproductive organism plants

REFERENCE: Functional biology page 104 – 112 & Stan Biology page 145-155

WEEK9:

REPRODUCTIVE SYSTEM IN PLANTS

- Type of flowers
- Kinds of placentation

REFERNCE: Functional biology page 104-112 & Stan Biology page 145-155

WEEK10:

REPRODUCTION IN PLANTS

- Pollination in plants and types
- Agents of pollination
- Features of cross pollinated flowers

REFERENCE: Functional biology page 113-116 & Stan Biology page 156-162

WEEK 11:

FEATURES OF SELF POLLINATED FLOWERS

- Features of insect/wind pollinated flowers
- Pollination in insect/wind pollinated flower

REFERNCE: Functional biology page 116-119 & Stan Biology page 156-162

WEEKS 12:

REVISION

WEEK13 AND 14:

Exams and Records

Reference Textbooks

- Essential Biology for senior Secondary Schools
- Modern Biology for Senior Secondary Schools
- STAN (Biology for Senior Secondary School, Book2
- Functional Biology for Senior Secondary School Book 2

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