

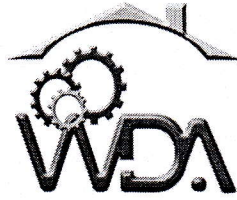
SUR - Urban Territory Planning

T136

Friday, 13/11/2015

08:30 – 11:30

WORKFORCE DEVELOPMENT AUTHORITY



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**ADVANCED LEVEL NATIONAL EXAMINATIONS, 2015,
TECHNICAL AND PROFESSIONAL TRADES**

EXAM TITLE: Urban Territory Planning

OPTION: Surveying (SUR)

DURATION: 3hours

INSTRUCTIONS:

The paper is composed of **three (3) Sections:**

Section I: Thirteen (13) questions, all **Compulsory.** **55marks**

Section II: Five (5) questions, **Choose Three (3) only.** **30marks**

Section III: Three (3) questions, **Choose only One (1).** **15marks**

Every candidate is required to strictly obey the above instructions. Punishment measures will be applied to anyone who ignores these instructions.

Section I. Thirteen (13) Compulsory questions. 55marks

- 01.** What is urban planning? **3marks**
- 02.** What do you understand by urban growth? **3marks**
- 03.** List down at least four (4) driving forces for urban growth. **4marks**
- 04.** The government of Rwanda and its partners seek to provide affordable homes for city dwellers. What do you understand by affordable housing? **4marks**
- 05.** What is downtown revitalization? **3marks**
- 06.** List at least two reasons why downtown revitalization should be done? **4marks**
- 07.** Identify any four (4) things that can be preserved for historic importance when doing planning. **4marks**
- 08.** Define the term slum and state down its characteristics (at least four). **6marks**
- 09.** Without adequate financial means local governments are unable to undertake the capital improvements needed to keep up with urban growth and infrastructure development. List any three sources of finance to government for infrastructure development. **5marks**
- 10.** Define the term urban decay. **4marks**
- 11.** List any five (5) characteristics of urban decay. **5marks**
- 12.** The Government of Rwanda pointed out six secondary cities that will be the poles of growth for the country. What are the benefits of developing six poles of growth? **4marks**
- 13.** The planning and management of infrastructure involves the continuous balancing of different infrastructure costs such as capital cost, operating cost and replacement costs. Briefly explain the meaning of these costs as far as infrastructure planning is concerned. **6marks**

Section II. Answer any three (3) questions of your choice

(Do not choose more than three questions). 30marks

14. Briefly describe any ten (10) characteristics of cities in ancient civilizations. **10marks**
15. Using neat and well labeled diagrams, explain the following terms as used on a zoning plan. **10marks**
- a) Building height;
 - b) Gross Floor Area (GFA)
16. Advise the government of Rwanda on what it should do to solve the problems related to rapid urban growth . **10marks**
17. a) Define the term “conditional use” as used in planning control. **10marks**
- b) Most cities in the world have preserved green spaces referred to as green belts. Explain the advantages of having such spaces around cities. **10marks**
18. (a) Rural-Urban migration is common in major towns and cities of developing countries. Explain any six causes of rural-urban migration. **10marks**
- (b) Explain why some buildings can be listed for conservation. **10marks**

Section III. Answer any one (1) question of your choice

(Do not choose more than one question). 15marks

19. (a) Define Zoning regulation and state its purpose. **15marks**
- (b) Outline the items which can be regulated in detail in a residential zone. **15marks**
20. Ideally the Planning process (steps) consists of the following stages: Undertaking preliminary surveys (Initiation Stage); Planning Process (Design Stage); Implementation (Action Stage) as well as Monitoring and Evaluation. In implementation stage we consider the provision of facilities, amenities, utilities, services and infrastructure. Explain with examples the meaning of these terms considered in this stage. **15marks**
21. Explain why the government of Rwanda carries out National Land Use Planning and Regulation. **15marks**