

Federal University of Technology Minna
School of Environmental Technology
Department Of Architecture
Second Semester Examination 2016/2017

Course Title: **Photography**

Course Code: **ARC 324** Credit Units: **2**

Duration: **2 hours**

Instructions: *Answer Four (4) questions in all.
Questions TWO and FIVE are compulsory.
Answer each question concisely. Neat drawings attract more marks.*

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| 1a. Give two (2) definitions of photography. | (2 marks) |
| 1b. State four (4) importance of photography | (2 marks) |
| 1c. Outline three (3) ways by which photography is superior to sketching and painting. | (6 marks) |
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| 2a. Define a camera. | (2 marks) |
| 2b. Draw an isometric view (top and back view) of the DSLR camera and identify ten (10) important features: | (10 marks) |
| 2c. Outline the process involved in image capturing on a DSLR camera. | (4 marks) |
| 2d. Identify two (2) differences between the DSLR and a digital range finder. | (4 marks) |
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| 3a. Write short notes on the concept of lens and focal length. | (4 marks) |
| 3b. Describe three (3) lens types, including (1) advantage and disadvantage of each. | (6 marks) |
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| 4a. Define exposure. | (2 marks) |
| 4b. Describe aperture concepts and use sketches to describe its relation to exposure. | (4 marks) |
| 4c. Describe shutter concepts and use sketches to describe its relation to exposure. | (4 marks) |
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| 5a. List six (6) items on quick settings and their importance. | (6 marks) |
| 5b. Write briefly on the concept of white balance and its importance. | (4 marks) |
| 5c. Discuss three (3) types of metering and when they are most appropriately used. | (6 marks) |
| 5d. What is bracketing and why is it important? | (4 marks) |