APPENDIX I: QUESTIONNAIRES



**COVENANT UNIVERSITY**

**CANAANLAND, KM 10, IDIROKO ROAD, P.M.B 1023, OTA, OGUN STATE, NIGERIA**

**Enhancing Visual Quality Through Lighting Design In An Art Gallery, Lagos, Nigeria**

Dear respondent,

I am a MSc. Student of the Department of Architecture at Covenant University, currently researching the “**Enhancement of Visual Quality in an Art Gallery and Exhibition Centre through Lighting Design in Lagos, Nigeria”**. I seek your cooperation in answering the questions below as honestly as possible. I assure you of the confidentiality of the information used for its intended purpose.

**SECTION A: BIO-DATA OF RESPONDENTS**

**Please tick [√] as adequate.**

a. **Gender**: Male [ ] Female [ ]

b. **Age**: Below 20 [ ] 21-30[ ] 31-40[ ] 41-50[ ] 51 and above [ ]

c. **Highest level of education**: Primary Education [ ] Secondary Education [ ]

Tertiary Education [ ] Postgraduate Education (Masters, Ph.D.) [ ]

d. **Category**: Art Spectator [ ] Artist [ ] Curator [ ] Gallery Worker [ ]

Art Student [ ] Architecture Student [ ] Art Enthusiast [ ] Others [ ] Please Specify …………….

e. **Employment status**: Student [ ] Employed [ ] Self Employed/Freelancer [ ]

Unemployed [ ] Others [ ] Please Specify …………….

f. **How much do you earn monthly**: Below ₦20,000 [ ] ₦20,000 - ₦60,000 [ ]

₦61,000 - ₦100,000 [ ] ₦101,000 - ₦149,000 [ ] Above ₦150,000

g. **Where do you reside**: Lagos (Mainland) [ ] Lagos (Island) [ ] Abuja [ ] Port Harcourt [ ]

Others [ ] Please Specify ……………

h. **Have you ever been to an art exhibition**: Yes [ ] No [ ]

i. **Which art media are you familiar with in an art gallery**? Photography [ ]

Digital Art [ ] Sculpture [ ] Drawings/Paintings [ ] Video [ ] AR/VR [ ] Mixed Media [ ] Others [ ] Please Specify ……………

**SECTION B: Lighting Design in an Art Gallery and Exhibition Centre**

1. Which of these colours is/are suitable for the walls of an art exhibition space? White [ ]

Blue [ ] Yellow [ ] Others [ ] Please Specify ……………

2. Which of these colours is/are suitable for lighting an art exhibition space? Natural Light [ ] White [ ] Blue [ ] Yellow [ ] Others [ ] Please Specify ……………

3. Which lighting approaches satisfy you within an art gallery? Daylight [ ]

Top Lighting [ ] Side/Directional Lighting [ ] Light Shelves [ ] Others [ ] Please Specify ……………

To what degree is the adequateness of the following using the following parameters:

**Absolutely inadequate (AI) (1)**; **Inadequate (I) (2)**; **Neutral (N) (3)**; **Adequate (A) (4)**;and **absolutely adequate (AA) (5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S/N |  | **(1)**  **AI** | **(2)**  **I** | **(3)**  **N** | **(4)**  **A** | **(5)**  **AA** |
| 4 | The use of daylight in art galleries and exhibition centres |  |  |  |  |  |
| 5 | The use of artificial light in art galleries and exhibition  centres |  |  |  |  |  |
| 6 | The use of both daylight and artificial light (more daylight,  less artificial) in art galleries and exhibition centres |  |  |  |  |  |
| 7 | The use of both daylight and artificial light (less daylight,  more artificial) in art galleries and exhibition centres |  |  |  |  |  |

To what degree are these Indices adequate in the exhibitions you have visited using the following parameters: **Absolutely Inadequate (AI) (1); Inadequate (I) (2); Neutral (N) (3); Adequate (A) (4); and Absolutely Adequate (AA) (5)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **(1)**  **AI** | **(2)**  **I** | **(3)**  **N** | **(4)**  **A** | **(5)**  **AA** |
| 8 | The adequacy of the amount/intensity of light available in the entire art exhibition space |  |  |  |  |  |
| 9 | The adequacy of the amount/intensity of light available for an artwork |  |  |  |  |  |
| 10 | The adequacy of the size of light available for an artwork |  |  |  |  |  |

**SECTION C: Measure of Visual Performance Characters in an Exhibition Space**

11. How much contrast do you experience when viewing an artwork in an exhibition room?

Very Little [ ] Little [ ] Not Sure [ ] None [ ] Much [ ] Very Much [ ]

12. Which Light Distribution techniques are you satisfied with for lighting an artwork? Direct Light [ ] Indirect Light [ ] Direct-Indirect Light [ ]

Others [ ] Please Specify ……………

13. How close can you get to an artwork/exhibit?

Very Near [ ] Near [ ] Neither Near/Far [ ] Far [ ] Very Far [ ]

14. Do you notice if the background on the wall is lighter or darker than the artwork

Yes [ ] No [ ] Not Sure [ ]

15. Have you ever experienced any of these discomforts due to the lighting of an artwork?

None [ ] Headache/Migraine [ ] Itchy/Watering eyes [ ] Glare [ ] Shadow [ ]

Others [ ] Please Specify ……………

16. How often do you experience glare when looking at an artwork?

Often [ ] Rarely [ ] Never [ ]

17. How often do you see shadows when looking at an artwork?

Often [ ] Rarely [ ] Never [ ]

If you would like the result of this study, please leave your email address below.

………………………………………………………………………

18. How do you display visual artwork for an exhibition?

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19. How do you characterize a successful art exhibit?

……………………………………………………………………………………………….

20. What are the critical components of a successful art exhibition or gallery show?

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21. What factors should be considered when selecting visual artwork for the exhibition?

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22. What are the characteristics of exhibition spaces?

………………………………………………………………………………………………….

23. What are the functions of an art gallery?

………………………………………………………………………………………………….

24. What spaces are required in an art gallery?

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25. How many artworks should be in an exhibition?

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