



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

SECOND YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF ARTS IN INTERIOR DESIGN AND
FASHION DESIGN WITH INFORMATION TECHNOLOGY

MAIN CAMPUS

ADI 204: BASIC PHOTOGRAPHY

Date: 21st April, 2016

Time: 2.30 - 4.30 pm

INSTRUCTIONS:

- This paper contains TWO sections, A and B
- Answer ALL questions from SECTION A in the answer booklet provided
- Answer ANY TWO questions from SECTION B.



SECTION A:

Answer all the questions in this section (30 Marks)

1. (a) Define the following photographic terms:-
 - i. ISO (2 marks)
 - ii. Aperture (2 marks)
 - iii. Shutter speed (2 marks)
 - iv. Depth of field (2 marks)

2. (a) State the purpose of a tripod? (1 mark)
(b) State when is it absolutely necessary to use a tripod? (1 mark)

3. State three (3) possible causes of blurry photographs (3 marks)

4. (a) Define the following terms:
 - (i) Pixels (2 marks)
 - (ii) Image resolution (2 marks)(b) State the relationship between pixels and image resolution (4 marks)
(c) Describe the effect of significantly enlarging a photograph to its resolution (2 marks)

5. A sports photographer desires to take photographs of netball players while they are playing, what settings must he adjust on his camera so as

to obtain a frozen clear image of the ball in the air and the players
jumping (2 marks)

6. (a) Which ISO setting (100; 200; 400; 800) would produce the optimal
sharpness and detail with the least noise? (2 marks)

(b) Should a low or high ISO be used in the following conditions:-

(i) Outdoors (1 mark)

(ii) Indoors (1 mark)

(iii) A dark environment (1 mark)

SECTION B:

Please answer any two questions (20 marks)

7. A client approaches you to take a portrait photograph of her. Discuss
five (5) different portrait photographic lighting patterns /styles that you
can suggest to her (10 marks)

8. Discuss any five (5) stages in the process of printing and developing black
and white photographs in the dark room (10 marks)

9. After a photo shooting exercise during a bright day a student ended up
with an over exposed photograph. Describe five (5) mistakes that he
might have made and explain what he could have done differently
(10 marks)

10. Discuss five (5) differences between choosing a wide aperture over a narrow aperture (10 marks)