

Total No. of Questions: 6

Total No. of Printed Pages:3

Enrollment No.....



Faculty of Science  
End Sem (Odd) Examination Dec-2022  
FS3SE02 Crime Scene Photography

Programme: B.Sc. (Hons.)

Branch/Specialisation: Forensic  
Science

Duration: 3 Hrs.

Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

- Q.1 i. "Every contact leaves a trace", statement was given by- 1  
(a) Hans Gross (b) Edmond Locard  
(c) Mathieu Orfila (d) Francis Galton
- ii. What is the first thing an investigating officer needs to do in the 1  
crime scene?  
(a) Marking the evidence  
(b) Barricating the crime scene  
(c) Documenting the crime scene  
(d) Collecting the evidence
- iii. Who is known as father of Indian photography? 1  
(a) Prabuddha Dasgupta (b) Sudhir Shivaram  
(c) Raghu Rai (d) None of these
- iv. What is the full form of SWGDE? 1  
(a) Standard working group on digital evidence  
(b) Scientific working group on digital evidence  
(c) Standard working group on digital examination  
(d) scientific working group on digital examination
- v. Which type of photography is most suitable for aircraft crash 1  
scenes?  
(a) Mid range (b) Close up  
(c) Overall (d) Aerial

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- vi. Which is the most recommended feature for mid range photography? **1**  
 (a) Marking of the evidence  
 (b) Fixed point close by the evidence  
 (c) Keeping a scale close by the evidence  
 (d) Standing near the evidence
- vii. Diskette is also known as- **1**  
 (a) Hard disc (b) Soft disc  
 (c) Floppy disc (d) Flash card
- viii. What is the full form of DOF? **1**  
 (a) Depth of field (b) Depth of flash card  
 (c) Division of field (b) Both (a) and (c)
- ix. RGB camera captures light in? **1**  
 (a) Red, Grey, Blue (b) Red, Green, Blue  
 (c) Royal blue, Grey, Black (d) Red, Green, Brown
- x. Adobe photoshop was created by- **1**  
 (a) Thomas and John Karl  
 (b) Thompson and Josh knoll  
 (c) Thomas and John Knoll  
 (d) Tom and John Knoll
- Q.2 i. Write the difference between microscopic and macroscopic crime scene. **2**  
 ii. What is role of investigating officer in crime scene management? **3**  
 iii. (a) Define physical evidence with examples. **5**  
 (b) What do you mean by chain of custody of the evidence?
- OR iv. Explain all the steps involved in the proper documentation of a crime scene. **5**
- Q.3 i. What are the different types of cameras used in a crime scene? **2**  
 ii. Explain different types of searching methods stating in which type of crime scene it can be utilised. **8**
- OR iii. Explain with proper diagram **8**  
 (a) Triangulation method (b) Polar coordinate method

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- Q.4 i. What are the steps that need to be followed while video graphing a crime scene? **3**  
 ii. Explain photogrammetry and its forensic significance. **7**  
 OR iii. What are different types of photography and the guidelines involved with the same? **7**
- Q.5 i. Write a short note on operating system. **4**  
 ii. What are different parts of camera? Explain in brief. **6**  
 OR iii. Explain the working of a digital camera. **6**
- Q.6 Attempt any two:  
 i. Write a short note on digital image formation. **5**  
 ii. What do you mean by scanner? Describe its functioning. **5**  
 iii. Explain the steps involved in the editing of an image. **5**

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# Scheme of Marking

	<p style="text-align: center;"><b>Faculty of Science</b>  <b>End Sem (Odd) Examination Dec-2022</b>  <b>Crime scene Photography (FS3SE03)</b></p>	
	Programme: B.Sc.	Branch/Specialisation:

**Note: The Paper Setter should provide the answer wise splitting of the marks in the scheme below.**

Q.1	i)	"Every contact leaves a trace", statement was given by- (b) Edmond Locard	1
	ii)	What is the first thing an investigating officer needs to do in the crime scene? (b) Barricating the crime scene	1
	iii)	Who is known as father of Indian photography? (c) Raghu Rai	1
	iv)	What is the full form of SWGDE? (b) Scientific working group on digital evidence	1
	v)	Which type of photography is most suitable for aircraft crash scenes? (d) Aerial	1
	vi)	Which is the most recommended feature for mid range photography? (b) Fixed point close by the evidence	1
	vii)	Diskette is also known as? (c) Floppy disc	1
	viii)	What is the full form of DOF? (a) Depth of field	1
	ix)	RGB camera captures light in? (b) Red, Green, Blue	1
	x)	Adobe photoshop was created by- (c) Thomas and John Knoll	1
Q.2	i.	Write the difference between microscopic and macroscopic crime scene. Microscopic Macroscopic	1 1
	ii.	What is role of investigating officer in crime scene management?	3

	iii.	a) Define physical evidence with examples. b) What do you mean by chain of custody of the evidence?	2.5 2.5
OR	iv.	Explain all the steps involved in the proper documentation of a crime scene.	5
Q.3	i.	What are the different types of cameras used in a crime scene?	2
	ii.	Explain different types of searching methods stating in which type of crime scene it can be utilised.	8
OR	iii.	Explain with proper diagram a) Triangulation method b) Polar coordinate method	4 4
Q.4	i.	What are the steps that need to be followed while videographing a crime scene?	3
	ii.	Explain photogrammetry and its forensic significance. Photogrammetry Forensic significance	3 4
OR	iii.	What are different types of photography and the guidelines involved with the same? Types Guidelines	5 2
Q.5	i.	Write a short note on operating system.	4
	ii.	What are different parts of camera? Explain in brief.	6
OR	iii.	Explain the working of a digital camera.	6
Q.6	i.	Write a short note on digital image formation.	5
	ii.	What do you mean by scanner? Describe its functioning.	5
	iii.	Explain the steps involved in the editing of an image.	5

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