B. Sc. (Forensic Science) (Sem. VI) (CBCS) Examination

April / May – 2015

FS - 603 : Crime Scene Investigative

Faculty Code : 003

Subject Code : 001659

Time : $2\frac{1}{2}$ Hours   [Total Marks : **70**

Instructions : (1) This question paper contains three questions. All are compulsory.

(2) Draw neat and labelled diagrams wherever necessary.

(3) Figures to the right indicate marks.

1   Multiple Choice Questions :   **20**

(1) Crime scene notes includes :

(A) Location of physical evidence recovered

(B) Time of discovered and by whom

(C) How and by whom it packaged and marked

(D) All of the above

(2) From the below mentioned crimes, which can be defined as Cyber Crime ?

(A) E-mail Bombing   (B) Cyber Terrorism

(C) Web Jacking   (D) All of the above

(3) Mostly paper based crime includes in

(A) white collar crime (B) black collar crime

(C) blue collar crime   (D) green collar crime

(4) _____ method is mostly used for the sketching of outdoor crime scene.

(A) Co-ordinate method

(B) Base line Co-ordinate method

(C) Cross projection method

(D) Polar method

(5) MD5 value is combination of how many letters and numbers ?

(A) 36   (B) 35

(C) 32   (D) 38

(6) Pollen grains and fingerprints are collected by _____ method.
   (A) Vacuum method   (B) Tape lifting method
   (C) Pipetting   (D) Combing

(7) In which of the following techniques no questions are asked during interrogation ?
   (A) Lie-detector   (B) BEOSP
   (C) Narco-analysis   (D) Hypnosis

(8) It involves altering the raw data just before a computer processes it and then changing it back after processing is completed.
   (A) Data Didling   (B) Malware
   (C) Phishing   (D) Salami Attack

(9) Which of these is not cause of mental illness ?
   (A) Organic disorder
   (B) Imbalance in neurotransmitter
   (C) Partly inherited gene factor
   (D) Surface epidermal disease

(10) "Every contact leaves traces" this principle is given by
   (A) Alphonse Bertillone
   (B) Francis Galtone
   (C) Leone Lattose
   (D) Edmond Locard

(11) In Psychosis a person leaves in "A world of _____".
   (A) Dirty   (B) Stars
   (C) Fantasy   (D) Thoughts

(12) Mobile phones store system data in _____?
   (A) EEPROM   (B) EPPROM
   (C) EEEROM   (D) PPEROM

(13) What is measured in brain finger printing ?
   (A) Blood Pressure   (B) Sweat
   (C) Nerve Impulse   (D) Skin Resistance

(14) The failure of the function of heart is called
   (A) Comatose   (B) Syncope
   (C) Asphyxia   (D) None of above

(15) Corpus delecti is _____.
   (A) Link of criminal and crime
   (B) Link of criminal and victim
   (C) Link of victim and crime
   (D) Link of criminal, crime and victim

(16) The death of individual cell or tissues is called _____.
    (A) Somatic death   (B) Molecular death
    (C) Coma death   (D) Asphyxial death
(17) Arrange the steps of crime scene evaluation.
    (1) Searching of physical evidence
    (2) Documenting the crime scene
    (3) Protection and isolation
    (4) Processing of physical evidence
    (5) Chain of custody
    (A) (1), (3), (5), (4), (2)   (B) (3), (2), (1), (4), (5)
    (C) (3), (2), (4), (1), (5)   (D) (2), (3), (1), (4), (5)
(18) Which of the following is not classified under criminal death ?
    (A) Voluntary homicide
    (B) Manslaughter
    (C) Excusable homicide
    (D) Murder
(19) The stiffening of muscles soon after death without relaxation of muscles is called as _____.
    (A) Rigor mortis   (B) Livor mortis
    (C) Cadaveric spasm   (D) Saponification
(20) Which is the immediate sign of death ?
    (A) Cooling of body   (B) Putrefaction
    (C) Livor mortis   (D) Syncope

2 Give the answers of following questions as per instructions :
(A) Write any three out of six.   **6**
    (1) What is Cyber Crime ? Give names of 4-5 different Cyber-Crimes occurring now-a-days.
    (2) Define : Crime Rate
    (3) When evidences are on wall surface which type of sketching method is used ?
    (4) Which changes occur into eye and skin after death ?
    (5) Explain cadaveric spasm.
    (6) Which measurements are recorded in a lie-detector ?
(B) Write any three out of six.   **9**
    (1) Write a note on safety measure for evidence collection.
    (2) Explain signs of struggle.
    (3) Give the testing procedure of Polygraph.
    (4) Give the description of Criminal Responsibility.
    (5) Define IP address ? Enlist types of IP addresses.
    (6) Explain the nature of explosion crime scene.

(C) Write any two out of five. **10**
    (1) What is digital evidence ? Enlist the sources of and explain its types.
    (2) Write a note on searching methods of evidence.
    (3) Explain : Livor mortis/Explain post mortem staining.
    (4) Describe the range of shooting through rifled fire arm injuries.
    (5) Write a short note on Narco Analysis.

3 Give the answers of following questions as per instruction :
(A) Write any three out of six. **6**
    (1) What is meant by IMAGE ? Give 2-3 names of Imaging Tools.
    (2) Write the causes of crime.
    (3) What is post blast investigation ?
    (4) State Lobard's principle of exchange and who invented brain finger printing ?
    (5) What is the immediate sign of death ?
    (6) How to isolate and preserve the site of explosion ?
(B) Write any three out of six. **9**
    (1) Enlist tools and materials used for collecting digital evidence.
    (2) Explain the term crime scene and give the classification of crime scene.
    (3) Explain causes of death.
    (4) Explain rigor mortis.
    (5) How can you identify the victim ?
    (6) Explain Hypnosis.
(C) Write any two out of five. **10**
    (1) After tracing a website, www.nist.gov, I came to know that this domain name is associated with the IP address 129.6.13.45. So now, how will I trace this IP address ?
    (2) Elaborate the packaging and preservation techniques of evidence and what is the importance of chain of custody ?
    (3) Give the classification of death.
    (4) How bombs are disposed ? Give classification of explosives.
    (5) Write a note on "Delusion".