AAI-003-001659   Seat No. _____

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

March / April - 2016

FS-603 : Crime Scene Investigation

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 labeled diagrams wherever necessary.

(3) Figures to the right indicate marks

1 Multiple Choice Questions :   **20**

(1) In line method of searching the crime scene divide into

(A) Sector   (B) Strip

(C) Zone   (D) Grid

(2) 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

(3) 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

(4) When stains as an evidence obtained on large garments and clothes, _____ method is used as collection method.

(A) Vacuumed method

(B) Cutting

(C) Scrapping

(D) Combing

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

(A) 36 (B) 35

(C) 32 (D) 38

(6) Oxygen Forensic Suite is used for examination of...

(A) Laptop

(B) Computer

(C) Mobile / Smartphones

(D) I-Pods

(7) _____ use for packing of liquid blood.

(A) Vial

(B) Container

(C) Paper bags

(D) All of the above

(8) _____ is mostly used for the sketching of indoor crime scene.

(A) Polar method

(B) Triangle method

(C) Base line Co-ordinate method

(D) All of the above

(9) Which operating system is not available in any of the mobile phone till now?

    (A) Java   (B) Android

    (C) Windows   (D) Linux

(10) Belief of "No world", "He does not exist" and "Body is dead" are _____

    (A) Delusion of poverty

    (B) Delusion of persecution

    (C) Nihilistic delusion

    (D) Delusion of grandeur

(11) Rigor mortis starts after death in about _____

    (A) 3-6 hours

    (B) 2-3 hours

    (C) 4-8 hours

    (D) 12-24 hours

(12) Modus operandi means _____.

    (A) Mode of relaxing at the crime scene

    (B) Mode of committing the crime

    (C) Operation of the victim

    (D) None of the above

(13) Voluntary homicide means

    (A) Unlawful killing with no prior malice

    (B) Unintentional homicide caused by criminal negligence,

    (C) killing order authorisation of law,

    (D) Intentional homicide caused by adequate provocation.

(14) Which drug is used in Narco-analysis?

    (A) Sodium Pentothal

    (B) Ammonium nitrate

    (C) Calcium carbonate

    (D) Amphetamines

(15) Which death is non-criminal death?

    (A) Menslaughter

    (B) Justifiable homicide

    (C) Homicide

    (D) Murder

(16) 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

(17) Which is the immediate sign of death?

    (A) Cooling of body

    (B) Putrefaction

    (C) Livor mortis

    (D) Syncope

(18) Algor mortis is _____

    (A) Increase in live body temperature

    (B) Decrease in live body temperature

    (C) Increase in dead body temperature

    (D) Decrease in dead body temperature

(19) In which area of explosion scene, you can collect maximum physical evidence?

    (A) Focal point of explosion

    (B) External area

    (C) Internal area

    (D) Outside of scene

(20) A person feeling that he is influenced by supernatural powers is _____

(A) Delusion of influence

(B) Delusion of reference

(C) Delusion of guilt

(D) Eratomania

2 Give the answers of following questions as per instruction :

(a) Write any **three** out of six :   6

(1) Explain natural cause of death.

(2) Explain the collection of physical evidences from explosion site.

(3) Define Crime Rate

(4) Which changes occur into eye and skin after death?

(5) Write a note on mummification.

(6) What questions are answered through crime scene search?

(b) Write any **three** out of six :   9

(1) Give the testing procedure of Polygraph.

(2) Give the description of Criminal Responsibility.

(3) Why preservation and packing of evidence is necessary? Give any six example of evidence with its preservation method.

(4) Give the classification of death.

(5) Explain adipocere formation/Explain seponification.

(6) Which types of evidences are available at explosion scene of crime?

(c) Write any **two** out of five : 10

   (1) Explain the method of sketching.

   (2) Explain: - Abrasion mechanical injury

   (3) How bombs are disposed? Give classification of explosives.

   (4) Write a note on "Hallucination".

   (5) 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?

3 Give the answers of following questions as per instruction :

   (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) Write about Psychosis and Neurosis.

   (3) Write a note on physical evidence.

   (4) Enlist a few items stored on the mobile phone.

   (5) Explain cadaveric spasm.

   (6) Which measurements are recorded in a lie-detector?

   (b) Write any **three** out of six : 9

   (1) What is Impulse? Give its examples.

   (2) Give some details about SIM card.

   (3) Explain Pass ware Password Forensic Recovery Software.

   (4) Briefly describe the documenting of crime scene.

   (5) Explain the first early sign of cellular death.

   (6) What is the scientific base of BEOSP?

(c) Write any **two** out of five.   **10**

   (1) Write a note on collection technique of evidence.

   (2) Explain : Livor mortis/Explain post mortem staining.

   (3) Describe the range of shooting through smooth bore fire arm injuries.

   (4) Write a note on "Lie detection test".

   (5) Focus on challenges to Cyber-crime department.

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