



- **2 most common methods of abortion**

observe station was collecting a specimen of suspected blood and o and the second observe was putting contents of jars in the jar and telling the proper labeling of them and what preservative is used

Unobservedx ray of gun shot pellets n type of hurt acc to qisas n diyat law..

Its complications

Arsenic poisoning

Most Common fracture in neck in such cases (with throttling model)

M/L importance of diatoms

Autopsy findings in drowning

Identification of skull with its features

Whats mascat (dnnw what exactly wassome kinda firearm)

Gunshot of riffeled weapon

Draw structure of cross section of riffeled weapon



- **Castor seed**
Fatal dose
Fatal period
Injury
Assault
Finger print identification(whorl was the ans)
Commonst finger type
- **xray -fracture but not dislocated**
Medical case dealing with (drugs or smth pic of cocaine bags)
animal hair identification
Polyester identification point
Observed- autopsy incisions and rolling method finger prints and ur finger print type
Vitriolage identification+medicolegal aspect + postmortem findings
Name types of snakes and what 3 systems do they effect +do u give antidote for them,if yes,name the antidote
Sacram identification?2points?



- **Forensic ospe**
Morrison's rule, hesse's rule, quetlet's rule, absolute identity, nonspecific n biochemical chngz of asphyxia, why DNA finger printing is called finger printing, bones (age estimation n sex determination), Radiograph's. Wat z da dif b/w injury, hurt, wound. wat z qisas, diyat, arsh, daman, muhsin, x_ray, went

ZERWAH (CMH)

- xiphisternum joins wd body? wen 4 pieces f sternum join? magnus test nd magnus signs.... Biometry.... forensic medicine.... cadaveric spasm/rigor mortis... neglignce nd type.... medical report/medical certificate.... non specific fndings of asphyxia.... qasas diyat almst sari defination in law.... ewings postulate.... res ipsa loquitur.... magnus test/magnus sign.... objective of exhumation.... benzidine tst.... hw to diffrentiate b/w fiber and

20/10/12



- **Non Observed**

1) Slide of animal hair, Locard exchange principle, 4 non biological trace marks..

2) opium seed in bottle, how much amount of it allowed for a doc to keep, drug band according to 1930s drug ordinance

3) Jurh ghayr jaifah n itz subtypez.

4) hanging ligature mark, mode of death, name partz of hyoid bone.

- 5) Sea snake tha us k effectz liknay thay..n snake poisoning management k stepz

- 6) Mummification ki diagram..Conditionz in which occurz n information it givez

7) Davidsn body ki slide, blood group systemz k namez, if motherz blood group A n fatherz B then wot are possible blood groupz of children..

8) Gastric Lavage Ci and Indications

Observed

9) Blood Strain ML steps

10) benzidine test n itz hazard.

Forensic ospe>19/10/12<

station 1: weapon type ? smooth bore weapon, projectile ? pellet come out , wound feaure at 3 feetstation

Station 2 identify ?carditiage of rifle, it's parts ?

station 3 : identify ? bit mark , common in ? sexual assult, medico legal significance ? sexual assuault & personal identitiy

Station 4 :method of abortion ? (chemical, mechanical) emmenogauges ? (oil of salvin, borax, synthetic estrogen)

Station 5 : wound type ?lacertion scalpcaused by ? blunt weaponqisa & dyiat ? shuja mudhea

Station 6: injury ? bumper fracture # of tiba fibula, common in ? rta , primary and secondary injury pedestrian define ?

station 7 : identify ?fracture of hyoid bone , common ? manual strangulation throttlng , level ? front of neckstation

Station 8 :8 identify ? oleander leavesactive principle ? medicolegal significance ? (cattle posion, lover philter, suicide posion accendiatl posion)

Station 9 observed prepare universal antidote & uses(activated charcoal 2, tannic acid 1, magnesium oxide 1) unknown posioning, two or more posionstation

10 observed testimantroy capacity ?parikh main hai (6.23 page i think) (compus mentis, mental assessment biodata, orientation, ask about property extent, to whom it is being bequeathed, why it is being given sound reason , sign testor, 2witness)



- human hair...chemical method fr semen....Forensic medicine....jurh...hurt...injury...wound...biometric filing....crush syndrom...signaletics...autopsy protocol.Negative autopsy. Medical and medicolegal autoptopsy.personal identity(full tym)....Quetlest rule, Hesse's rule, Morrisons rule, absolute identity, non specific changes of asphyxia, why DNA Printing is called DNA finger printing, Radiograph of full term fetus..
- ossf centres sex diff dental data def of shajjah injury hurt wound, diff bw homicidal nd suicidal cut throat biochemical changes in asphyxia defence wounds types of laceration diff bw cause mode manner of death SID battered babies name of tests fr blood impacts in accidents by car crush syndrome types of fracture of skull.....sugilation(aka lividity).....starvation.....what happens to gall bladder in starvation

Ulex Vernica = F.D = 15-30 gms (brown color) -
1 seed.
F.P = 1-2 nos.

Aspirin - R^xD = 120-200 mg

$\text{CuSO}_4 = \text{F.D} = 30 \text{ gms}$ 3.5 gms (Neala Total).

$A_{\text{spin}} = F \cdot D = 5 - 10 \text{ gm (5-10) (shining and)}$
 $F \cdot P = \text{two hours. (pinkish)}$

Paracetamol = F.D = 20 tablets 10 gm.
F.P = 3-5 days.

Hexosene Oil.

CE = stomach wash
like urine
F.D = 30-60 ml.
F.P = unknown.

even 1 drop can
cause death
if inhaled.

Opium. ایک سفید بیج (seed)

Ether = black liquid. F.D. = 30 ml.
F.P. = uncertain.

Ergot = 1 gm F.D.

Mercuroy = F.D 1-2 gms F.P within 24 hrs.

Valium = benzodiazepine, anesthesia drug of misuse

HNO_3 = yellow
Custom Piglins = 15-20 ml within 24 hrs
4 raw seeds / 20 drops.

Custom Tiglium = 4 rows seeds 15-20 ml within 24 hrs
120 drops.

- 1) Atypical hanging → ligature mark below thyroid
Horizontal
 > 1 ligature mark.
- 2) Typical hanging → above thyroid
below thyroid
oblique.
- 3) Contact Shot → Muzzle imprint, elliptical,
no soot, no blackening, inverted
margins.
- 4) Homicidal Cut → no tailing, deep, no hesitation
cuts, below thyroid.
- 5) Wound of exit → everted margins, profused
bleeding, irregular shape,
no collars (abrasion etc.)
- 6) Jark Chair Jarfah.
- 7) Bullet Parts
- 8) Male + Female Pelvis differences. (Saccrum)
FM M
- 9) Chopper + Ice-needle + Hammer + Clasp Knife + Sword
+ Axe + Sickle (C/1/2)
- 10) Saccrum FM → 3 + butterfly + smaller + wide + art. surf
M → 2 + larger + narrower + 1 articular surf
- 11) Male v/s Female Skull.
- 12) Male Femur → Head large + N/s angle > 90
Female " → Head small + N/s " < 90 .
① M.F. Femur = 3 Humerus = 5
② Whole Sk. + 3.5 cm.
- 13) Wound of entry Shot gun → 1) Multiple wounds
② within 5ft. the maximum distance b/w 2
entry wounds of pellets in inches equals
the distance of shot in yards.
- 3) Pellets spread → distant shot gun entry wound.
- 14) Incised wound ⇒ Shajjah-i-Khafifa
Margins clear, L > W
tissues equally divided.
Spinal shaped, gaping.
- ☑ Incised v/s lacerated.

Andar = Cardiac poison.
yellow → F.D. = 8-10 seeds
F.D. = within 24 hrs.
White Oleander = 15 gm root

19) Methods of Abortion
a) Hugginson's Syringe

Toxi

MADAR → AKDO + CALLOTROPIS
Fatal dose = uncertain
Fatal period = 12 hours
Active principle = Callotropin
ML → Infanticide + produce artificial bruises

Cannabis indica → Active principle: THC
Preparations: Bhang, Majun, Marijuana, Chars, Ganja
→ long needle like leaves
F.Dose Bhang 10 g/kg body-wt
Ganja 8 g/ "
Chars 2 g/ "
F.Period 12 hours.

Semecarpus → Marking nut / Bhilawan.
Anacardium F.D. = 10g

F.P. = 12-24 H.

A.P. = Semecarpol.

ML → Abortifacient + Artificial bruises.

Capsicum → A.P. = Capsicin
(Chillies)
ML → Hyderabad golis for police torture

Dhatūra → D.K.K. AP: Scopolamine, Atropine, Hyoscyamine
FD = 60mg (Adults) 4mg (Children)
FP = within 24 hrs.
ML → Stupefying, Road poison.
Succedat
monocot

Castor oil (Ricinus) → Ricin (AP)
10 seeds 6 mg
F.D. sev. days.
F.P. Abortion, Rat poison, Purgative.
M.L. →

Scorpion → Cantharide
L. → Toxin → Toxicalbumin < Neurotoxic
< Hematotoxic.

Poppy → opium, morphine (ag)
(200 mg)
F.P. 9-12 hours.
M.L. → drug of abuse, pain relieve,
antitussive, antidiarrheal.

Tobacco → 1-2 gm. nicotine.
Cigarette 10-20 mg. nicotine. when
inhaled 1-2 mg goes in.
F.D. = 2 gm of tobacco
60 mg of nicotine.
F.P. = few mins to a few hrs.
Active principle = Nicotine.

Abrus Precatorius: Cardiac arrhythmia (death).
F.D. = 1-2 seeds.
F.P. = 4-5 days.
A.P. = abstin.

Aconite → F.D. = 1 gm. 3 ds.
F.P. = 6 hrs.
M.I. ∴ arrow poisoning
• abstinent
• accidental poisoning.

- 27) Wound of Entry (Near/Close) →
- ✓ Blackening
 - ✓ Soot
 - ✓ Lachring
 - ✓ Callars (Abrasion/Graze)
 - ✓ Singeing of Hairs.
- 28) Cadaveric Spasm
- 29) Electric Diff. blue Rigor mortis + C/Spasm
- 30) Electric Burn (can ~~be~~ ^{be} ~~with~~ ^{with}) (Flash Contact)
- 31) Charring of Tissues
- 32) Carbonization
- 33) Washes/Wounds Feet → Washed, Swollen, Whitish, Bleaching, Sackering.
- 34) Dry v/s Wet Drowning
- 35) AM v/s PM
- 36) Beveling in → inner table beveling
- 37) out → outer " "
- 38) Homicidal Cut Throat
- 39) 1) Number (3)
- 40) 2) Direction (Horizontal)
- 41) 3) Location (1 above other)
- 42) 4) Deep
- 43) Close Shot + Ecchymosis
- 44) Defence Wounds → while voiding off attack
- 45) → on hands, arms etc.
- 46) → indicate homicidal attack.
- 47) Contact Shot → muzzle imprint
- 48) → Site + Impact → Suicidal.
- 49) Frothing from nostrils + mouth
- 50) → opium → AM drowning
- 51) Typical Hanging → Above thyroid
- 52) → oblique
- 53) → Jute rope marks ✓
- 54) Avulsion of scalp → Shajjah-i-Ammah
- 55) → type of laceration.
- 56) Garroting → ligature marks
- 57) → below thyroid
- 58) → horizontal.

- 15) Contact shot \rightarrow Stellate + Pinkish Carboxy-Hb
 \rightarrow Reflected Firearm.
 \rightarrow Muzzle imprint visible. + Black + Mark of firing pin.
- 16) Used Cartridges \rightarrow No Cap present + x Black + x Mark of firing pin.
 Unused " \rightarrow Cap present
- 17) Gun powder (128 shahbaz)
- 18) Hand Grenade \rightarrow Shot guns
 \rightarrow Air guns
 \rightarrow Bomb sign
- 19) Lead pellets \rightarrow Silver balls [Spaulding sign]
- 20) Fetus \rightarrow ☒ Maceration [Abortion + Abortifacients. (218 shahbaz)]
- 21) Wound of entry \rightarrow Contact shot
 \rightarrow Muzzle imprint [x Soot, x Tattooing]
 \rightarrow Carboxy-Hb.
- 22) Coup + Counter Coup injury.
 Blood on bone visible.
- 23) Scalds + Blisters \rightarrow Moist Burn
 \rightarrow Vesication
 \rightarrow Serous inflammation
 \rightarrow Boiling fluids.

DRY	Wet
1. No trickle marks	1. Trickle marks present
2. Flame	2. Hot burning liquid
3. Burnt clothes	3. Moist clothes
4. Charred skin	4. Swollen skin
5. Singeing of Hairs	5. No Singeing of Hairs

- 24) Adipocere formation \rightarrow Put. mat. (x Air)
 (Lump) \rightarrow yellowish white greasy wax.
 \rightarrow float in H_2O
- 25) Blue bird tattoo \rightarrow homosexuality
 if (13) \rightarrow drug pushers.
- 26) Loop 67%
 Arch 6-7%
 Whorl 25%
 Composite 1-2%
 Accidental
- \rightarrow Dactylography / Galton System.
 \rightarrow Most surest Method of P.I.

20) Split Laceration
types \leftarrow Split
 \leftarrow avulsion
 \leftarrow tear
 \leftarrow stretch.

21) Incised Wound.

22) Bleeding \rightarrow due to H_2O_2 , efflu, NH_3 , CO_2 pressure
 \leftarrow proteolysis, tearing protrusion.
 Lacer slides

23) Microscopic

ABCS \Rightarrow

Hair \Rightarrow

H (Non-nucleated)

H (1/3 slide cover)

H (Medulla narrow)

C (Nucleus)

A (2/3 slide cover)

A (Medulla Wide)

Medullary index = $\frac{\text{Diameter of Medulla}}{\text{Hair}}$

H = 0.3

H = 7.5

H (Cortex \uparrow)

24) Precipitin Test

Semen \Rightarrow

Flourence Test

Barbario's Test

Acid Phosphatase Test.

(79 concise).

43) Mandible

Changes \Rightarrow

R M C
Ramus M.F. Condyle

44) Recording of Evidence

E
C
R
C

45) Asphyxia

\rightarrow Cyanosis

Purset \Rightarrow Suffocation + Choking.

46) Petechial Hemorrhages

T. cuts

47) Suicidal Cut Throat \rightarrow

Tailing

Shallow & ~~deep~~ cut

Site.

Oblique.

48) Throttling

\Rightarrow Multiple crescentic shaped bruises
Size penny.

GUIDELINE FOR FORENSIC OSPE/PRACTICAL /VIVA

OSPE/PRACTICAL

- THERE WILL BE A TOTAL OF 10 STATIONS (8 UNOBSERVED AND 2 OBSERVED)
- EACH STATION CARRIES A TOTAL OF 4 MARKS
- TIME FOR EACH STATION WILL BE A TOTAL OF 3.5 MINUTES

TOS (ALL 10 STATIONS)

1+2 = TRAUMA AND FIREARM

3=PERSONAL IDENTITY AND TRACE EVIDENCE

4=LAW

5=THANATOLOGY/SEXUAL OFFENCES

6=ACCIDENTS AND ENVIRONMENTAL

7=ASPHYXIA

8 + 9 + 10 = TOXICOLOGY

OBSERVED STATIONS :

ONE FROM FORENSIC MEDICINE

ONE FROM TOXICOLOGY

VIVA

MARKS WITH INTERNAL=20

MARKS WITH EXTERNAL =20

COPIES=10

INTERNAL ASSESSMENT=10

TOTAL MARKS 100

40 FOR OSPE AND 60 FOR OTHER STUFF

ALL THE VERY BEST

JAZZAKALLAH UL KHAIR