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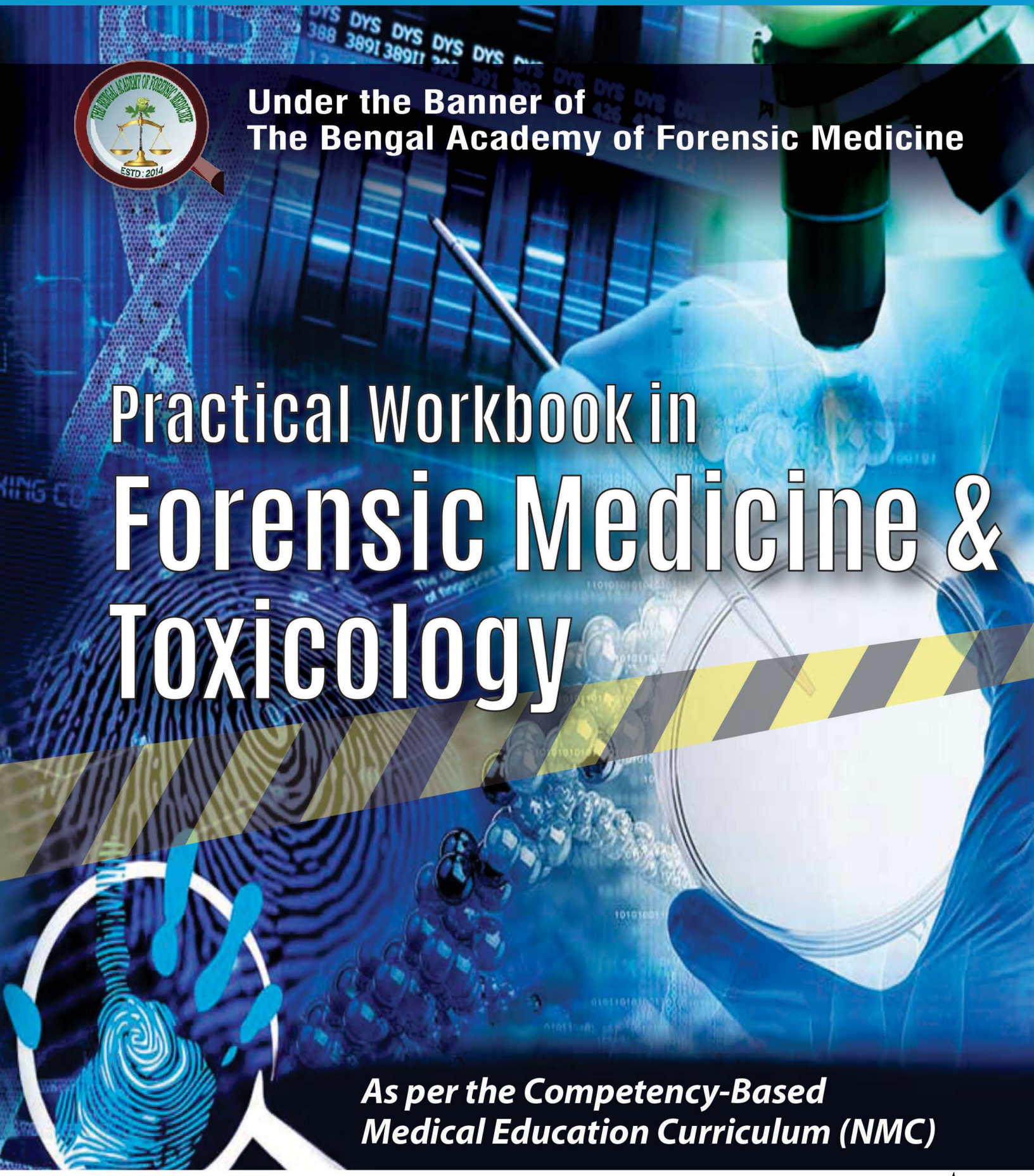

Under the Banner of
The Bengal Academy of Forensic Medicine

Practical Workbook in Forensic Medicine & Toxicology

As per the Competency-Based Medical Education Curriculum (NMC)

2nd Edition

JAYPEE

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DACTYLOGRAPHY
(Study of Fingerprints)

Fingerprint (Definition):

Importance:

Classification of Fingerprint Patterns

Identify the following fingerprint patterns and mention their types and average distribution:









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DACTYLOGRAPHY
Put the Impression of Your Own Fingerprint and Identify the Type

FINGERPRINT RECORD (Left)

Thumb		*Index*		*Middle*		*Ring*		*Little*	
Plain	*Rolled*	*Plain*	*Rolled*	*Plain*	*Rolled*	*Plain*	*Rolled*	*Plain*	*Rolled*

....

FINGERPRINT RECORD (Right)

Thumb		*Index*		*Middle*		*Ring*		*Little*	
Plain	*Rolled*	*Plain*	*Rolled*	*Plain*	*Rolled*	*Plain*	*Rolled*	*Plain*	*Rolled*

....

Signature of Student

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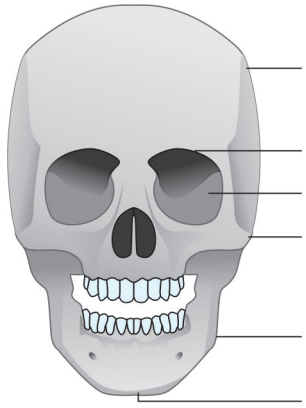
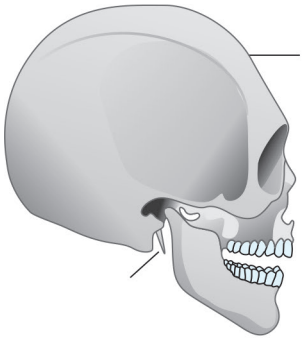
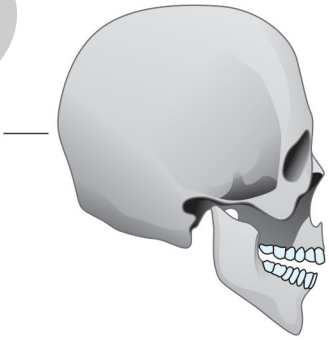
EXAMINATION OF BONES (SEX)

Skull:









Sl. No.	*Trait*	*Male*	*Female*
1.	Forehead		
2.	Orbit		
3.	Supraorbital ridge		
4.	Zygomatic arch		
5.	Frontonasal angle		
6.	Mastoid process		
7.	Digastric groove		
8.	Parietal eminence		
9.	Chin		
10.	Palate		

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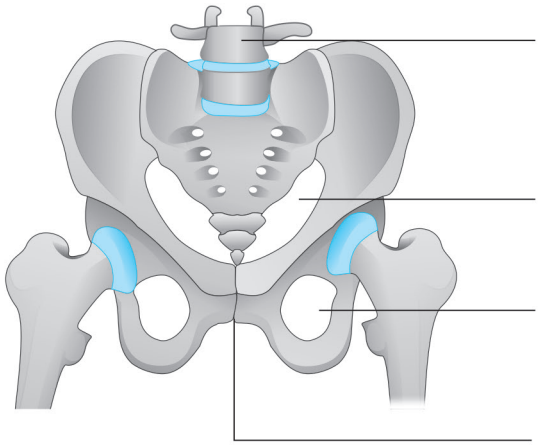
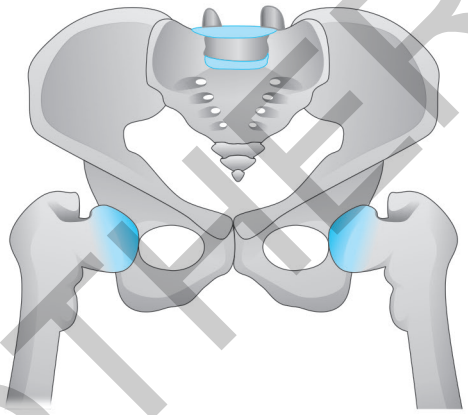
EXAMINATION OF BONES (SEX)

Pelvis:





Sl. No.	*Trait*	*Male*	*Female*
1.	Shape		
2.	Ilium		
3.	Pre-auricular sulcus		
4.	Acetabulum		
5.	Obturator foramen		
6.	Greater sciatic notch		
7.	Subpubic angle		
8.	Pelvic brim		

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DETERMINATION FROM BONES (SEX)

Male Hip Bone (Draw):

Female Hip Bone (Draw):

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HIP BONE **Date.....**

Sl. No.	*Trait*	*Male*	*Female*

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DETERMINATION FROM BONES (SEX)

Male Mandible (Draw):

Female Mandible (Draw):

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MANDIBLE **Date.....**

Sl. No.	*Trait*	*Male*	*Female*

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DETERMINATION FROM BONES (SEX)

Male Sacrum (Draw):

Female Sacrum (Draw):

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SACRUM **Date.....**

Sl.No.	*Trait*	*Male*	*Female*

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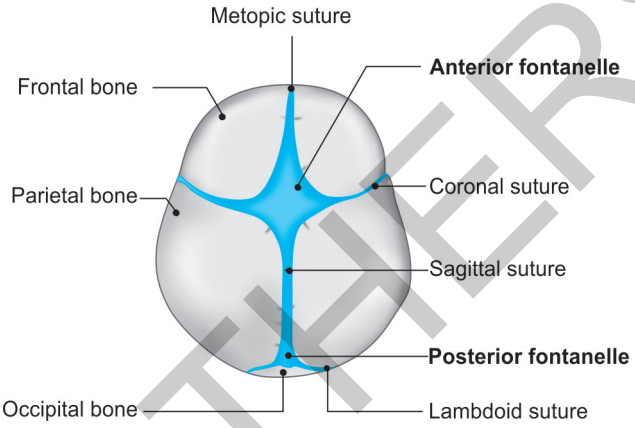
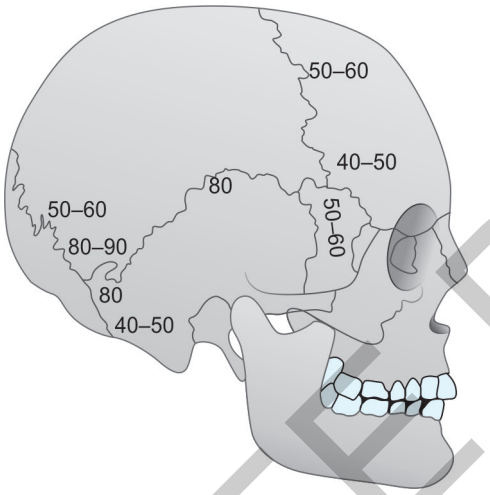
EXAMINATION OF BONES (AGE)

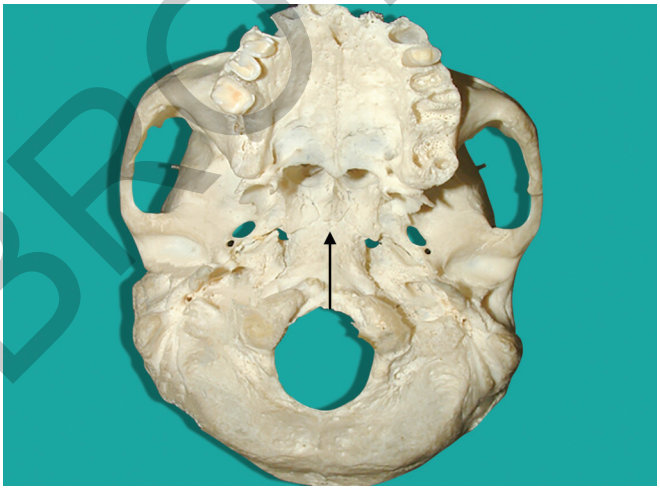
Estimation of age from closure of fontanelle of skull:



Fontanelle	*Closes at*
Anterior fontanelle	
Posterior fontanelle	
Anterolateral fontanelle	
Posterolateral fontanelle	

Age estimation from the given bone:





Findings

Sl. No.	*Trait*	*Appearance*	*Closure*	*Inference*

Opinion

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EXAMINATION OF BONES (AGE)

Age estimation from the given bone:

(To be Given by the Teacher)

Findings

Sl. No.	*Trait*	*Appearance*	*Closure*	*Inference*

Opinion

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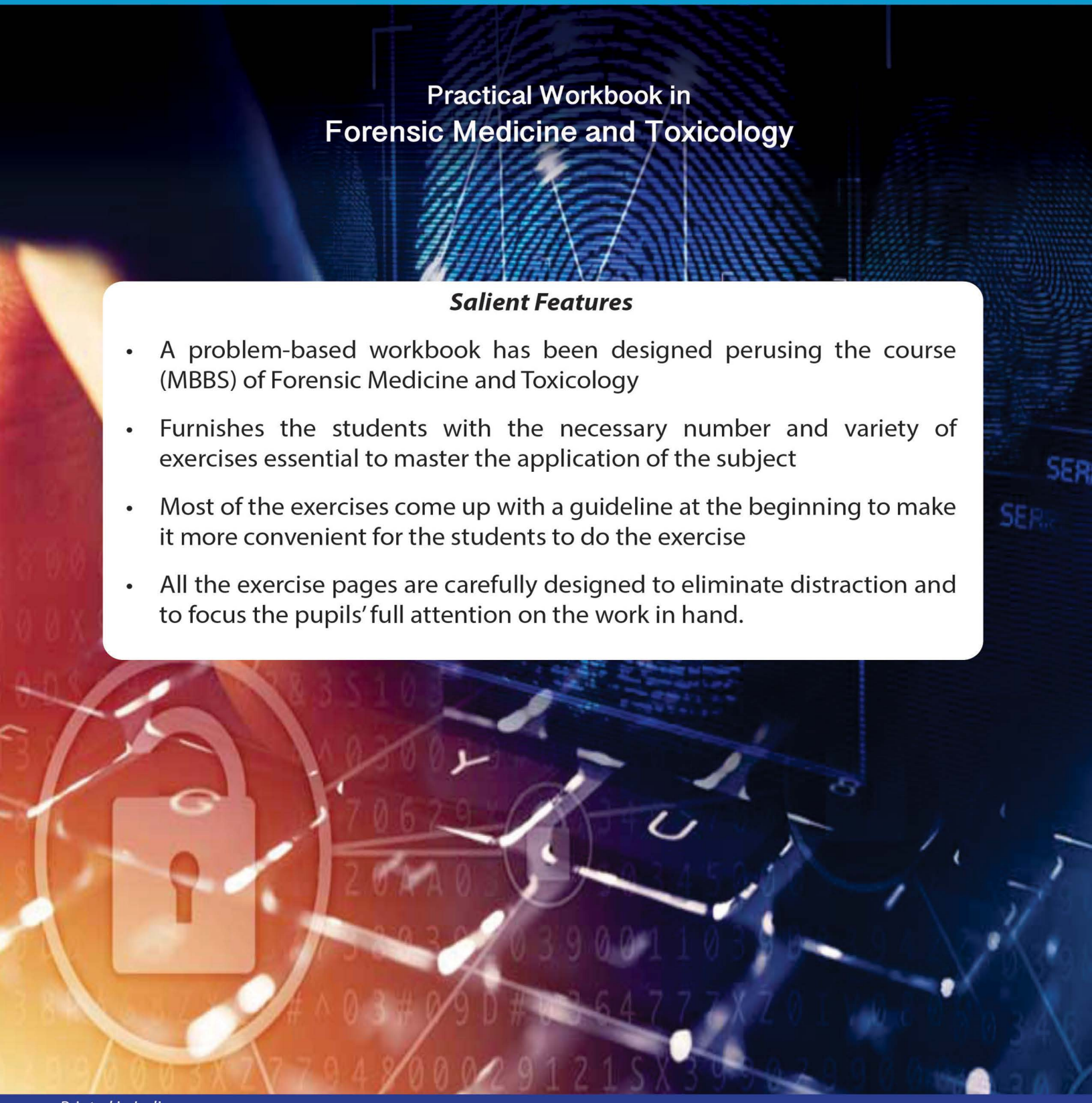

Salient Features

- A problem-based workbook has been designed perusing the course (MBBS) of Forensic Medicine and Toxicology
- Furnishes the students with the necessary number and variety of exercises essential to master the application of the subject
- Most of the exercises come up with a guideline at the beginning to make it more convenient for the students to do the exercise
- All the exercise pages are carefully designed to eliminate distraction and to focus the pupils' full attention on the work in hand.

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