

The West Bengal University of Health Sciences

1st BMLT April, 2022 Examination

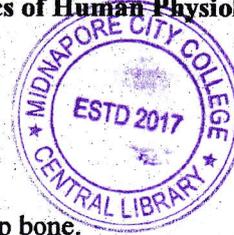
Subject : Basics of Human Anatomy and Basics of Human Physiology

Anatomy

Time: 1½ Hours

Full Marks: 50

Attempt all questions



10 x 1

1. Tick the correct answer :

- a) Who is NOT the part of axial skeleton?

i) Parietal bone.	ii) Thoracic vertebrae.	iii) Hip bone.	iv) Femur.
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- b) If 'coronary artery' is the artery present in heart; where we can find the 'coronary ligament'?

i) Heart.	ii) Lungs.	iii) Liver.	iv) Stomach.
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- c) Where we can find the transitional epithelium?

i) Ureter.	ii) Uterus.	iii) Vas deferens.	iv) Brain.
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- d) The greater Omentum connects the stomach with _____.

i) Ascending colon.	ii) Transverse colon.	iii) Descending colon.	iv) Sigmoid colon.
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- e) Who is the smallest bone of our body?

i) Incus.	ii) Malleus.	iii) Stapes.	iv) Hyoid.
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- f) In a 6 feet height male person which structure is NOT expected to be of length 45 cm?

i) Esophagus.	ii) Spinal cord.	iii) Vas deferens.	iv) Femur.
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- g) In abdomen, liver is situated in upper right quadrant (right hypochondrium). Being such a heavy structure, liver doesn't fall down. Who is the main support of liver holding it in that position?

i) Falciform ligament.	ii) Abdominal pressure.	iii) Hepatic vein.	iv) Ligamentum teres hepatis.
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- h) In an adult person of 6 feet height the spinal cord extends upto which level?

i) Upper border of the body of first lumbar vertebra.	ii) Lower border of the body of first lumbar vertebra.	iii) Upper border of spine of first lumbar vertebra.	iv) Lower border of spine of first lumbar vertebra.
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- i) While we draw blood for fasting blood sugar estimation, we choose always the vein in the cubital fossa. Which of the following statement best describes the cause of choosing it?

i) It's very superficial.	ii) It does not slip.
iii) It's easily palpable.	iv) It not lies over any important nerve.
- j) The area of 'red pulp' in spleen represents the area of _____ circulation.

i) Open.	ii) Closed.	iii) Semi-closed.	iv) All of the above.
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2. Write short notes on **any four** of the following :

4 x 5

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|---------------------------------|------------------------------|
| a) Spinal pia matter. | b) Azygos Vein. |
| c) Bronchopulmonary segment. | d) The taste buds of tongue. |
| e) Interior of urinary bladder. | f) Arch of aorta. |

3. Answer **any two** from the following :

2 x 10

- a) Describe the "cerebrum" under following headings-
 - i) What are the primary & secondary poles of cerebral hemisphere?
 - ii) Draw a diagram of lateral view of the cerebral hemisphere & label the (A) Motor cortex, (B) Sensory cortex, (C) Visual cortex, (D) Motor speech area
- b) Describe the "knee joint" under following headings-
 - i) Enumerate the bones forming the joint
 - ii) Mention the "structural & functional type" of the joint with justification.
 - iii) Name the bursae surrounding this joint.
- c) Describe the "abdominal aorta" under following heading-
 - i) What is its extent in reference to vertebral level?
 - ii) What are its terminal branches?
 - iii) What are its ventral branches?
 - iv) What are its dorsal branches?

BMLT/1st year
Subject-Anatomy
Paper-104(A)/Practical
SET A

1. Draw and label the anatomical organization of digestive system. (15)
2. Simply draw a human model and show anterior, posterior, superior. Inferior, lateral position and also show the coronal and saggital plane. (5)
3. Draw a structure of the cross section of the kidney and label it. (10)
4. Viva voce. (15)
5. Laboratory note book. (5)