



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(PA)-2022/B.Sc.(PA)-2023/B.Sc.(PA)-2024

Course Name – Human Anatomy-Part II

Course Code - BPAC201

(Semester II)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Paracentesis thoracis -is a procedure that describe the aspiration of fluid from-
 - a) Scrotal sac.
 - b) Pleural cavity.
 - c) Peritoneal cavity
 - d) Meninges
- (ii) Select the following structures is responsible for changing the shape of the lens to focus light on the retina.
 - a) Pupil.
 - b) Cornea.
 - c) Iris.
 - d) Ciliary muscles.
- (iii) Tell the structure which is associated with singers nodule
 - a) pharynx
 - b) vocal cords
 - c) thyroid gland
 - d) epiglottis
- (iv) Choose the structure which is not a content of middle mediastinum.
 - a) Pericardium
 - b) Ascending aorta
 - c) Pulmonary trunk
 - d) Thoracic duct
- (v) The Incisura angularis explains which anatomical location. Tell the correct option.
 - a) The junction between cardia and fundus.
 - b) The junction between the body and pyloric part of stomach.
 - c) The junction between the fundus and pyloric part of stomach.
 - d) The junction between the cardia and body.
- (vi) The lesser omentum connects stomach to one of the following structure. Choose the correct option.
 - a) Transverse colon
 - b) Spleen

- c) Liver
d) Oesophagus
- (vii) Identify which structure appear distorted in barium meal x-ray of a patient suffering from peptic ulcer disease.
a) Gastric canal
b) Pyloric antrum
c) Duodenal cap
d) Fundus
- (viii) During anatomy classes you have studied about the position of the uterus. The uterus is Anteverted. Recall Anteversion is the angle between the long axis of uterus and with other structure.
a) Long axis of vagina
b) Axis of the cervix
c) Axis of ureter
d) Axis of bladder
- (ix) Pouch of Douglas is a peritoneal fold formed between rectum behind and in front of by another structure. Choose the correct option.
a) Anterior surface of body of uterus.
b) Superior surface of bladder.
c) Anterior surface of bladder.
d) Post surface of uterus and vagina.
- (x) Tell the part of the male urethra that runs through the corpus spongiosum of the penis.
a) Prostatic urethra
b) Membranous urethra
c) Spongy urethra
d) Bulbar urethra
- (xi) Identify which structure shows numerous honey comb like structure during histological study.
a) Lungs
b) Bronchus
c) Bronchiole
d) Trachea
- (xii) Select the location where type 1 and type 2 pneumocytes are found.
a) Alveoli
b) Trachea
c) Laryngo-pharynx
d) Terminal bronchiole
- (xiii) Select the following condition are likely to manifest in a case of portal hypertension.
a) Oesophageal varices.
b) Haemorrhoids.
c) Caput medusa.
d) All of these.
- (xiv) Select the following is not a component of the lymphatic system? Report correct option.
a) Lymph node
b) Spleen
c) Thymus gland
d) Pancreas
- (xv) Myringotomy is a surgical procedure done in respect to which anatomical structure. Select the correct option.
a) Ear
b) Eye
c) Tongue
d) Nose

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Describe the structure of the skin with proper diagram. (3)
3. Discuss about the structure visible in the innermost layer of the eye? (3)
4. Describe Trans-tubercular plane. Trans-spinal plane- methods of drawing and clinical significance? (3)
5. Describe the structure visible during histology study of uterus? (3)
6. Write a short note on Duct system of Pancreas with diagram? (3)

OR

Write a short note on arterial supply of Lung. (3)

Group-C

7. Describe the anatomy of the stomach in detail? (5)
8. Describe the structure observed in histological study of testes and ovary along with a proper diagram? (5)
9. Describe the covering of kidney with proper diagram? Mention the name of structures entering and leaving the hilum of kidney? (5)
10. Explain spermatid cord-contents and clinical condition associated with it? (5)
11. Write about the hepatic portal vein.-location , formation, tributaries-show them in a proper diagram. (5)
12. Describe the structures observed in histology of thyroid gland with proper diagram? Mention the name of the hormones released by the thyroid gland and their associated functions. (5)

OR

Describe the structures observed in histology of pancreas with proper diagram? Mention the name of the hormones released by the gland and their associated functions. (5)

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