

Day : Wednesday

Time : 10:00 AM-12:00 PM

Date : 25-01-2023

W-25412-2022

Max. Marks : 20

N.B.

- 1) There are **THREE** section as
Section A :- Objective Type questions : 20 marks.
Section B :- Long Answer questions : 20 marks.
Section C :- Short Answer questions : 20 marks.
- 2) **Section A** is given on **SEPARATE** sheet and has to be answered on **SAME** sheet. This sheet should be completed within first 20 minutes of starting of the examination. The sheet with Section A will be collected by Supervisor at the end of 20 minutes.
- 3) You have to make \surd such kind of mark in the box of the appropriate answers.

Seat No. : _____

SECTION – A

MULTIPLE CHOICE QUESTIONS

(20)

- 1) The lumbar vertebrae consist of _____ vertebrae.
A. 5
B. 12
C. 7
D. 3
- 2) Name the artery that carries blood from the left ventricle to the body:
A. Pulmonary vein
B. Aorta
C. Semilunar valve
D. Atria
- 3) Which one of the following is not an extraocular muscles?
A. Medial rectus
B. Lateral oblique
C. Superior oblique
D. Lateral rectus
- 4) The left lung consists of _____ lobe:
A. Two
B. Three
C. Four
D. 1.5

P.T.O.

- 5) Left upper lobe consists of which bronchopulmonary segments:
- A. Superior and inferior
 - B. Medial and lateral
 - C. Anterior and posterior
 - D. Apico-posterior and anterior
- 6) Pulmonary vein carries:
- A. Oxygenated blood
 - B. Deoxygenated blood
 - C. Mixed blood
 - D. All of the above
- 7) Which of the following is NOT a cerebral venous sinus:
- A. Superior sagittal sinus
 - B. Sphenoid sinus
 - C. Transverse sinus
 - D. Sigmoid sinus
- 8) According to the Couinaud's classification, the right and left hepatic lobes are divided by the
- A. Main portal vein
 - B. Middle hepatic vein
 - C. Right hepatic vein
 - D. Left hepatic vein
- 9) Abdominal aorta has how many anterior / ventral branches?
- A. 4
 - B. 5
 - C. 3
 - D. 2
- 10) Which of the following is not a ventral branch of abdominal aorta?
- A. Coeliac axis
 - B. Superior mesenteric artery
 - C. Renal artery
 - D. Inferior mesenteric artery

Total Marks Obtained: _____

Signature of Invigilator _____

Signature of Examiner _____

BACHELOR OF SCIENCE (RADIOLOGY & IMAGING TECHNOLOGY)(CBCS-2019 COURSE)
B.Sc. (R&IM) Sem III : WINTER- 2022
SUBJECT : ANATOMY (CROSS SECTIONAL)

Day : Wednesday

Time : 10:00 AM-12:00 PM

Date : 25-01-2023

W-25412-2022

Max. Marks : 40

N.B.

- 1) There are **THREE** section as
Section A :- Objective Type questions : 20 marks.
Section B :- Long Answer questions : 20 marks.
Section C :- Short Answer questions : 20 marks.
 - 2) **Section – B** has four long answer questions and **ANY TWO** questions have to be answered.
 - 3) Section C has six short answer questions and **ANY FOUR** questions have to be answered.
 - 4) Section B and C should be written in **SAME** answer sheet.
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SECTION – B

Long answer questions

(10 × 2 = 20)

- 1) Enumerate anterior, posterior, terminal and lateral branches of abdominal aorta.
Write in short about the branches of Superior Mesenteric artery.
- 2) With help of diagram write in detail about arterial anatomy of brain and Circle of Willis.
- 3) Enumerate different neck space. Write in short about following neck spaces:
 - a) Carotid space
 - b) Perivertebral space
 - c) Retropharyngeal space
- 4) With help of diagram write in detail about thorax, mediastinum and bronchopulmonary segments of lungs.

SECTION - C

Short answer questions

(5 × 4 = 20)

- 1) Write a short note on venous anatomy of brain.
- 2) Write a short note on cross – sectional anatomy of upper abdomen.
- 3) Write a short note on cross – sectional anatomy of Paranasal sinuses.
- 4) Write in short about Multiplanar reconstruction (MPR).
- 5) Write a short note on anatomy of cranio–vertebral junction.
- 6) Write a short note on cross – sectional anatomy of orbit.

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