

Day : Friday
Date 18-02-2022

W-22513-2021

Time : 10:00 AM-12:00 PM
Max. Marks: 60

N.B.:

- 1) There are Three sections 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 questions and **ANY TWO** have to be answered.
- 3) Section C has six short questions and **ANY FOUR** have to be answered.
- 4) Answer to both sections should be written in same answer book.

SECTION – B

Q.1 Answer **ANY TWO** out of **FOUR** questions: [10 x 2 = 20]

- a) Write about cross-sectional anatomy of liver and its segments.
- b) With help of diagram write in detail about Thorax, Mediastinum and Bronchopulmonary segments of Lungs.
- c) Write about Arterial Anatomy of Brain
- d) Write is short about following neck spaces:
 - i) Visceral Space
 - ii) Retropharyngeal Space
 - iii) Carotid Space

SECTION – C

Q.1 Answer **ANY FOUR** out of **SIX** questions: [5 x 4 = 20]

- a) Write a short note on Anatomy of Cranio-Vertebral Junction.
- b) Write in short about Anatomy of Para-Nasal Sinuses.
- c) Enumerate the Bones that are part of Pelvis. Enumerate the different Pelvic Viscera.
- d) Write is brief about Pulmonary Artery and its branches.
- e) What are some uses of Maximum Intensity Projection (MIP) images.
- f) Enumerate Anterior, Posterior Terminal and Lateral Branches of Abdominal Aorta. Write about the Three Branches of Coeliac Trunk.

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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 in **SEPARATE** sheet and has to be answered on same sheet.
This sheet should be completed within the first 20 minutes of starting of the examination.
This sheet with Section A only will be collected by Supervisor.
- 3) Section B has four long questions and **ANY TWO** have to be answered.
- 4) Section C has six short questions and **ANY FOUR** have to be answered.
- 5) Put $\sqrt{\quad}$ in the appropriate box below the question number once only.

Seat No.: _____

SECTION – A

Q.1 Multiple choice questions. Choose the single best option. [10 x 2 = 20]

- 1) Which of the following is a cerebral venous sinus:
a) ☐ Superior Sagittal Sinus
b) ☐ Sphenoid Sinus
c) ☐ Ethmoid Sinus
d) ☐ Frontal Sinus
- 2) Which of the following is not an anterior / ventral branch of abdominal aorta?
a) ☐ Renal Artery
b) ☐ Celiac Axis
c) ☐ Superior Mesenteric Artery
d) ☐ Inferior Mesenteric Artery
- 3) The left lung consists of _____ lobes:
a) ☐ Two
b) ☐ Three
c) ☐ Four
d) ☐ 1.5
- 4) Left lingula consists of which bronchopulmonary segments:
a) ☐ Superior and Inferior
b) ☐ Medial and Lateral
c) ☐ Anterior and Posterior
d) ☐ Apical and Lateral

P.T.O.

- 5) The cervical vertebrae consist of _____ vertebrae?
- a) ☐ 5
 - b) ☐ 12
 - c) ☐ 7
 - d) ☐ 3
- 6) Name the vein that carries blood from the body to right atrium:
- a) ☐ Pulmonary Vein
 - b) ☐ Inferior Venacava
 - c) ☐ Aorta
 - d) ☐ Atria
- 7) Pulmonary artery carries:
- a) ☐ Oxygenated Blood
 - b) ☐ Deoxygenated Blood
 - c) ☐ Mixed Blood
 - d) ☐ All of the above
- 8) According to the Couinaud's classification, how many independent liver segments are there?
- a) ☐ 5
 - b) ☐ 6
 - c) ☐ 7
 - d) ☐ 8
- 9) Which one of the following is an Intra-ocular muscle?
- a) ☐ Medial Rectus
 - b) ☐ Ciliaris
 - c) ☐ Superior Oblique
 - d) ☐ Lateral Rectus
- 10) Vertebral Artery is a branch of ?
- a) ☐ Left common Carotid Artery
 - b) ☐ Brachiocephalic Trunk
 - c) ☐ Subclavian Artery
 - d) ☐ Aortic Arch