



Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Bachelor's Degree Examination - January 2021
V Semester

Class : III UG
Major : Physician Assistant

Time : 3 Hours
Max. Marks : 100

18BPAC21 General Surgery

PART A

10 x 1 = 10

Choose the Correct Answer

- Percutaneous nephrostomy is indicated in
 - polycystic kidney disease
 - solitary adenocarcoma
 - simple hydronephrosis
 - polynephrosis
- The best skin graft for open wounds is
 - isograft
 - homograft
 - allo graft
 - auto graft
- Cochlear implant used in
 - sensory neural deafness
 - conductive deafness
 - mixed
 - none of the above
- Surgical treatment of bleeding type 1 stomach ulcer is
 - Wedge resection of the gastric ulcer
 - Over sewing the vessel at the ulcer base
 - Distal gastrectomy
 - Distal gastrectomy along with trungal vasectomy
- Clavicular fracture is usually treated by
 - Traction
 - ORIF
 - Figure of eight bandage
 - Plate and screw fixation
- Adequate flow during cardio pulmonary by pass is best indicated by
 - Systemic BP of 90/50 mm of hg
 - Arterial po₂ of 230 mmhg
 - Mixed venous hemoglobin saturation of 78%
 - CVP of 1mmhg
- Racoon sign is seen in
 - Head injury
 - Sub galea hematoma
 - Sub conjunctival hemorrhage
 - Nasal bone fracture
- The sequence of physical examination techniques is as follows
 - Inspection, palpation ,percussion, & auscultation
 - Inspection ,percussion, palpation ,& auscultation
 - Inspection ,auscultation, percussion, & palpation
 - Any sequence can be used.

9. ECG records electrical changes in which of the following layers of the heart, mark the correct option

- a. Epicartium
- b. Pericartium
- c. Endocardium
- d. Myocardium

10. The most common indication for permanent pacing is

- a. Complete heart block
- b. Second degree AV block
- c. Chronic bifascicular block
- d. Sick sinus syndrome.

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

11.a. Discuss about history collection.

(or)

11.b. Describe about general physical examination.

12.a. ECG.

(or)

12.b. MRI.

13.a. Explain briefly about CABG.

(or)

13. b. Explain briefly about PTCA.

14.a. Pre and post operative preparation for ENT surgeries.

(or)

14.b. Pre and post operative preparation for Ortho surgeries.

15.a. Vagotomy procedure.

(or)

15.b. Jejunostomy feeding tube placement – Explain.

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

16.a. Explain in detail about ERCP.

(or)

16.b. Explain in detail about the respiratory system assessment.

17.a. Describe the cardiac catheterization in patient, pre, post and follow up care after the procedure.

(or)

17.b. Diagnosis and evaluation test of Nephrology and Kidney.

18.a. Discuss in detail the open heart and closed heart surgery.

(or)

18.b. Duhamel's procedure, Colectomy surgical intervention.

19.a. Explain about the classifications of surgical wounds.

(or)

19.b. List down the cranial surgeries performed and briefly explain about it.

20.a. List down the surgeries performed in orthopedic and the fracture management.

(or)

20.b. Explain in detail the dialysis procedure and care.
