



BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – B.Sc.(CCT)-2021/B.Sc.(CCT)-2022
Course Name – Basic Surgery
Course Code - BCCTC402
(Semester IV)

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 :

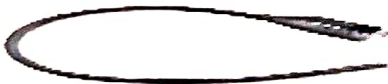
(i)



Identify the surgical instrument in the given image.

- a) Prostatic Catheter
- b) Female metallic catheter
- c) Male metallic catheter
- d) None

(ii)



Identify the instrument.

- a) Malecot's catheter
- b) Folley's self-retaining catheter
- c) De Pezzer's Catheter
- d) None

(iii)



Identify the instrument for surgery.

- a) Aneurysm Needle
- b) Boomerang Needle with holder
- c) Michel Clip Extractor
- d) All of these

(iv) Choose the incorrect option for Gangrene.

- a) Buerger's disease
- b) Deep vein thrombosis insufficiency
- c) Infection
- d) Intra-arterial drug injection

(v) Identify which of the following are not an indication for major amputation.

- a) Clostridium infection of the lower leg.
- b) Severe trauma

- c) Neurofibroma
 (vi) Select the correct option, In acute ischaemia pain is more prominent in,
 a) At the site of obstruction
 b) Most proximal part of the limb
 c) Most peripheral part of the limb
 d) All
- (vii) Choose the correct option, indications of amputation include all the following except,
 a) Fixed color changes
 b) Absent pulsation
 c) Tense calf
 d) Bulging anterior leg compartment
- (viii) Select the correct for Lytic therapy in pulmonary embolism:
 a) Should precede anticoagulation.
 b) Can be considered for all patients.
 c) Can be considered for hemodynamically unstable patients
 d) Is indicated for the majority of patients with documented pulmonary embolism.
- (ix) Identify the correct option, concerning complete cleft palate, the untrue statement is that it,
 a) Requires surgical repair after the second year of life
 b) Predisposes to upper respiratory tract infections
 c) Is often associated with cleft-lip and broadening of the face.
 d) Interferes with nutrition and speech.
- (x) Choose the correct option, fastest promoter of epithelisation in wound healing occurs with,
 a) Tight approximation of wound edges
 b) Occlusive dressing
 c) Leaving the wound open
 d) Steroid Application
- (xi) Choose the sterilisation technique required for Childe's Hernia Director.
 a) Washing with Acid
 b) Basic Wash
 c) Electrostatic cleansing
 d) Sterilisation
- (xii) Select the correct option after a swelling has been clinically defined, the most commonly advised investigation is,
 a) X-Ray
 b) Ultrasound
 c) CT
 d) FNAC
- (xiii) Identify the instrument that is used to stop bleeding by clamping blood vessels
 a) Trocar
 b) Retractor
 c) Hemostat
 d) Scalpel
- (xiv) Tell the cleaning method involves the use of high-frequency sound waves to agitate a cleaning solution.
 a) Manual cleaning
 b) Ultrasonic cleaning
 c) Autoclaving
 d) Dry heat sterilization
- (xv) Identify which of the following is NOT a factor affecting the efficacy of sterilization.
 a) Time
 b) Temperature
 c) Humidity
 d) Instrument color

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Write a short note on 'Picture frame area' of wound contraction. (3)
3. Write a short note on Astrup apparatus. (3)
4. Enumerate the measures to be taken during the introduction of the catheter. (3)
5. Define the basic principle behind sterilisation. (3)
6. Write a short note on Pyemic abscess. (3)

OR

Write a short note on Mallis parallelogram. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Differentiate between retention and separation of urine. (5)
8. Construct a management protocol for decubitus ulcer. (5)
9. Explain the clinical procedure, by which ne can diagnose cute appendicitis. (5)
10. Differentiate between physical and chemical sterilization. (5)
11. Explain the differential diagnosis of pain in the right ileac fossa. (5)
12. Explain the procedure by which the base of the appendix is going to be ligated. (5)

OR

Explain about "Rampley's swab holding forceps". (5)
