

N.A



## BRAINWARE UNIVERSITY

Term End Examination 2023  
Programme – B.Sc.(PA)-2021  
Course Name – Basics of Orthopedics  
Course Code - BPAC401  
( 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) Apply your knowledge of clinical examination to diagnose the disease producing a shock below the medial malleolus
- |                           |                           |
|---------------------------|---------------------------|
| a) Calcaneal Bursitis     | b) Tarsal tunnel syndrome |
| c) Morton's metatarsalgia | d) Plantar Fasciitis      |
- (ii) The modern shoes can be the determining cause for which of the following. Choose the correct option.
- |                                 |                              |
|---------------------------------|------------------------------|
| a) Metatarsus Primus Varus      | b) Early onset Hallux Valgus |
| c) Later onset of Hallux Valgus | d) Hallux Rigidus            |
- (iii) How will you examine a patient of haemarthrosis to identify Baker's cyst.
- |  |  |
|--|--|
| a) Examining the popliteal fossa in the prone position of the patient          | b) Examining the popliteal fossa in the standing position of the patient |
| c) Examining the acetabulo-femoral joint in the supine position of the patient | d) None of these   |
- (iv) Identify reason for which shoulder joint exhibit a wide range of movement
- |  |  |
|--|--|
| a) Glenoid fossa accumaltes 1/3rd of the humerus | b) Glenoid Fossa is slanting in nature |
| c) The round shape of the humeral head           | d) None of these                       |
- (v) The hook shaped bone projects downward from the anteromedial border of the shaft 5 cm above lateral epicondyle connected by a fibrous band to the medial border just above the epicondyle. Identify the correct terminology applicable for this
- |                                  |                          |
|----------------------------------|--------------------------|
| a) Medial supracondylar ligament | b) Ligament of struthers |
| c) Ligament of Spine             | d) All of these          |
- (vi) Sun ray appearance of osteosarcoma is because of \_\_\_\_\_. Choose the correct option
- |                                |                  |
|--------------------------------|------------------|
| a) Periosteal reaction         | b) Osteonecrosis |
| c) Calcification along vessels | d) None          |



**OR**

A 38-years-old male patient is complaining of pain in the neck shoulder and arm associated (5) with headache and dizziness. On further query, patient gives the history of an accident with a definite character i.e., he is driving a car wearing a seat belt and get stuck from behind. What will be the provisional diagnosis? How will you differentiate from similar pathologies?

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