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NEET LOCOMOTION AND MOVEMENT — JOINTS — PYQS

Max. Marks: 52 **Questions:** 13

Section A (MCQ) — 13 questions

Q.1 Match **List I** with **List II** :

List - I		List - II	
A.	Fibrous joints	I.	Adjacent vertebrae, limited movement
B.	Cartilaginous joints	II.	Humerus and Pectoral girdle, rotational movement
C.	Hinge joints	III.	Skull, don't allow any movement
D.	Ball and socket joints	IV.	Knee, help in locomotion

Choose the correct answer from the options given below : [NEET (UG) 2024]

(1) A-IV, B-II, C-III, D-I
(2) A-I, B-III, C-II, D-IV
(3) A-II, B-III, C-I, D-IV
(4) A-III, B-I, C-IV, D-II

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Q.2 Match **List-I** with **List-II**:

List - I Location of Joint		List - II Type of Joint	
A.	Joint between humerus and pectoral girdle	I.	Gliding joint
B.	Knee joint	II.	Ball and Socket joint
C.	Joint between atlas and axis	III.	Hinge joint
D.	Joint between carpals	IV.	Pivot joint

Choose the correct answer from the options given below: [RE-NEET (UG) 2024]

(1) A-II, B-III, C-IV, D-I
(2) A-III, B-II, C-I, D-IV
(3) A-I, B-IV, C-III, D-II
(4) A-II, B-I, C-III, D-IV

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Q.3 Match **List I** with **List II**.

List I (Type of Joint)		List II (Found between)	
A.	Cartilaginous Joint	I.	Between flat skull bones
B.	Ball and Socket Joint	II.	Between adjacent vertebrae in vertebral column
C.	Fibrous Joint	III.	Between carpal and metacarpal of thumb
D.	Saddle Joint	IV.	Between humerus and pectoral girdle

Choose the correct answer from the options given below: [NEET (UG) 2023]

(1) A-II, B-IV, C-I, D-III
(2) A-I, B-IV, C-III, D-II
(3) A-II, B-IV, C-III, D-I
(4) A-III, B-I, C-II, D-IV

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Q.4 The pivot joint between atlas and axis is a type of [NEET 2017]

(1) cartilaginous joint (2) synovial joint
(3) saddle joint (4) fibrous joint.

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Q.5 Which of the following joints would allow no movements? [AIPMT 2015]

(1) Synovial joint (2) Ball and Socket joint
(3) Fibrous joint (4) Cartilaginous joint

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Q.6 Select the correct matching of the type of the joint with the example in human skeletal system. [AIPMT 2014]

(1) Cartilaginous – Between frontal and parietal
(2) Pivot joint – Between third and fourth cervical vertebrae
(3) Hinge joint – Between humerus and pectoral girdle
(4) Gliding joint – Between carpals

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Q.7 The characteristic and an example of a synovial joint in humans is [NEET 2013]

(1)

Characteristics	Examples
Fluid filled synovial cavity between two bones	Joint between atlas and axis

(2)

Characteristics	Examples
Lymph filled between two bones, limited movement	Gliding joint between carpals

(3)

Characteristics	Examples
Fluid cartilage between two bones, limited movements	Knee joint

(4)

Characteristics	Examples
Fluid filled between two joints, provides cushion	Skull bones

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Q.8 Which one of the following pairs of structures is correctly matched with their correct description? [AIPMT 2010 (Mains)]

(1) Structure ⟶ Tibia and fibula, Description ⟶ Both form parts of knee joint
(2) Structure ⟶ Shoulder joint and elbow joint, Description ⟶ Ball and socket type of joint
(3) Structure ⟶ Cartilage and cornea, Description ⟶ No blood supply but do require oxygen for respiratory need
(4) Structure ⟶ Premolars and molars, Description ⟶ 20 in all and 3-rooted

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Q.9 Which one of the following is the correct description of a certain part of a normal human skeleton? [AIPMT 2010 (Prelims)]

(1) Parietal bone and the temporal bone of the skull are joined by fibrous joint.
(2) First vertebra is axis which articulates with the occipital condyles.
(3) The 9th and 10th pairs of ribs are called the floating ribs.
(4) Glenoid cavity is a depression to which the thigh bone articulates.

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Q.10 Elbow joint is an example of [AIPMT 2009]

(1) hinge joint (2) gliding joint
(3) ball and socket joint (4) pivot joint.

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Q.11 Which of the following pairs is correctly matched? [AIPMT 2005]

(1) Hinge joint – Between vertebrae
(2) Gliding joint – Between zygapophyses of the successive vertebrae
(3) Cartilaginous joint – Skull bones
(4) Fibrous joint – Between phalanges

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Q.12 What will happen if ligaments are torn? [AIPMT 2002]

(1) Bones will move freely at joint and no pain.
(2) Bone less movable at joint and pain.
(3) Bone will become unfixed.
(4) Bone will become fixed.

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Q.13 What is the name of joint between ribs and sternum? [AIPMT 2000]

(1) Cartilaginous joint (2) Angular joint
(3) Gliding joint (4) Fibrous joint

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ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	**4**	**1**	**1**	**2**	**3**	**4**	**1**	**3**	**1**	**1**	**2**
Ques.	12	13									
Ans.	**2**	**1**									