

EXERCISE-I (Conceptual Questions)**Build Up Your Understanding**

1. Talus, calcaneum are found in :-
 (1) Hind limb of frog (2) Hind limb of Human
 (3) Fore limb of man (4) Fore limb of rabbit
2. Part of pectoral girdle is:-
 (1) Ileum (2) Glenoid cavity
 (3) Acetabulum (4) Sternum
3. Obturator foramen present between:-
 (1) Ilium & Ischium (2) Ischium & Pubis
 (3) Ilium & pubis (4) None
4. Study of joints known as:-
 (1) Osteology (2) Arthrology (3) Craniology (4) Kinesiology
5. Pectoral girdle, pelvic girdle and limb bones constitute:
 (1) Visceral skeleton (2) Outer skeleton
 (3) Axial skeleton (4) Appendicular skeleton
6. Glenoid cavity is found in :
 (1) Pelvic girdle (2) Skull
 (3) Pectoral girdle (4) Sternum
7. Acromion process is part of :
 (1) Vertebral column (2) Pelvic girdle
 (3) Femur (4) Pectoral girdle
8. Pelvic girdle consists of :
 (1) Ilium (2) Ilium and ischium
 (3) Ilium, ischium and pubis (4) Ischium and pubis
9. Coracoid is a part of :
 (1) Forelimb (2) Skull (3) Scapula (4) Pelvic girdle
10. Cranium of man is made up of
 (1) 8 bones (2) 12 bones (3) 16 bones (4) 14 bones
11. Which of the following is a sesamoid bone ?
 (1) Pelvic (2) Patella (3) Pterigoid (4) Pectoral girdle
12. The number of floating ribs in human body
 (1) 6 pairs (2) 5 pairs (3) 3 pairs (4) 2 pairs

- 13.** How many bones are present in human skull ?
 (1) 32 (2) 22 (3) 12 (4) 42
- 14.** Which one of the following is the skull bone?
 (1) Atlas (2) Coracoid and frontal
 (3) Pterygoid and frontal (4) Aretynoid and pariental
- 15.** Vertebrochondral rib in man are :-
 (1) 8th, 9th & 10th rib (2) 7th, 8th, 9th rib
 (3) 9th, 10th & 11th rib (4) 6th, 7th & 8th rib
- 16.** Symphysis is made of
 (1) Fibrocartilage (2) Synovial fluid
 (3) Elastic cartilage (4) Hyaline cartilage
- 17.** Saddle joint occurs between
 (1) Carpal and first metacarpal (2) Femur and pelvic girdle
 (3) All the vertebrae (4) Phalanges
- 18.** This joint is made for power?
 (1) Knee joint (2) Mandibular joint
 (3) Suture in cranium (4) Joint between vertebrae
- 19.** Phalangeal formula for human forelimb is
 (1) 33233 (2) 33333 (3) 33433 (4) 23333
- 20.** Elbow joint is an example of
 (1) Ball and socket joint (2) Gliding joint
 (3) Hinge joint (4) Pivot joint
- 21.** Innominate is
 (1) A nerve (2) An artery
 (3) A vein (4) A part of skeleton and an artery.
- 22.** Axis vertebra is identified by
 (1) Sigmoid notch (2) Odontoid process
 (3) Deltoid ridge (4) Centrum
- 23.** The smallest bone of the human body is
 (1) Humerus (2) Vertebra (3) Incus (4) Stapes
- 24.** This facial bone is unpaired
 (1) Lacrimal (2) Vomer (3) Nasal (4) Palatine

25. It is an outcome of irregularities in metabolism of nitrogenous waste
 (1) osteoporosis (2) osteo-arthritis
 (3) gouty arthritis (4) rheumatoid arthritis
26. Which of the following is correct for the given assertion (A) and reason (R)?
 Assertion (A) : Knee joint is hinge joint type joint.
 Reason (R) : Femur , patella and fibula are associated with knee joint.
 (1) Both (A) and (R) are true but (R) is the correct explanation of (A)
 (2) Both (A) and (R) are true but (R) is not the correct explanation of (A)
 (3) (A) is true statement but (R) is false.
 (4) Both (A) and (R) are false
27. In human beings the cranium is formed by
 (1) ten bones of which two are paired
 (2) eight bones of which two are paired
 (3) fourteen bones of which six are paired
 (4) twelve bones of which four are paired
28. Which of the following is wrong statement about hyoid bone?
 (1) one in number
 (2) U-shaped
 (3) Not attached with any other bone of the body
 (4) Present at the top of the buccal cavity
29. The clavicle articulates with of scapula
 (1) Acromian process (2) Glenoid cavity
 (3) Acetabulum cavity (4) Ball and socket joint
30. Which one is a flat bone ?
 (1) Scapula (2) Carpal (3) Patella (4) Tarsals
31. Largest mammalian vertebra is :-
 (1) Thoracic (2) Sacral (3) Lumbar (4) Cervical
32. Deltoid Ridge is found in which one of following bone:-
 (1) Radius (2) Ulna (3) Humerus (4) Femur
33. Synovial fluid is secreted by :
 (1) Blood (2) Cartilage (3) Bone (4) Synovial membrane
34. Digital formula of foot of Human is :-
 (1) 03332 (2) 03333 (3) 03322 (4) 23333
35. Heaviest vertebra in man is ;-

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|-----------|----------|------------|--------------|
| (1) Atlas | (2) Axis | (3) Lumbar | (4) Thoracic |
|-----------|----------|------------|--------------|
36. A joint between humerus and radio Ulna is :-
 (1) Ball & socket (2) Pivot (3) Gliding (4) Hinge
37. Demifacets present at:-
 (1) Thoracic vertebra (2) Lumbar vertebra
 (3) Sacral vertebra (4) Cervical vertebra except C₇
38. True ribs are 7 pairs in:-
 (1) Rabbit (2) Man (3) Both (4) None
39. Saddle joint is present in:-
 (1) Human (2) Rabbit (3) Both (4) Frog
40. Presence of obturator foramen feature of:-
 (1) Frog (2) Cockroach (3) Rabbit (4) None
41. Vertebro-arterial canal occurs in :
 (1) Cervical vertebrae (2) Lumbar vertebrae
 (3) Thoracic vertebrae (4) Sacral vertebrae
42. In human beings, the second cervical vertebra helps in rotatory movements of head through knob-like process called :
 (1) Prezygapophysis (2) Postzygapophysis
 (3) Olecranon process (4) Odontoid process
43. Zygomatic is part of:
 (1) Pelvic girdle (2) Skull
 (3) Pectoral girdle (4) Vertebral column
44. Which one of the following is the correct description of a certain part of a normal human skeleton ?
 (1) First vertebra is axis which articulates with the occipital condyles.
 (2) The 9th and 10th pairs of ribs are called the floating ribs.
 (3) Glenoid cavity is a depression to which the thigh bone articulates.
 (4) Parietal bone and the temporal bone of the skull are joined by fibrous joint.
45. An acromian process is characteristically found in the:-
 (1) Pectoral girdle of mammals (2) Skull of mammals
 (3) Pelvic girdle of mammals (4) Skull of frog

ANSWER KEY**EXERCISE-I (Conceptual Question)**

1.	(2)	2.	(2)	3.	(2)	4.	(2)	5.	(4)	6.	(3)	7.	(4)
8.	(3)	9.	(3)	10.	(1)	11.	(2)	12.	(4)	13.	(2)	14.	(3)
15.	(1)	16.	(1)	17.	(1)	18.	(1)	19.	(4)	20.	(3)	21.	(4)
22.	(2)	23.	(4)	24.	(2)	25.	(3)	26.	(3)	27.	(2)	28.	(4)
29.	(1)	30.	(1)	31.	(3)	32.	(3)	33.	(4)	34.	(4)	35.	(3)
36.	(4)	37.	(1)	38.	(3)	39.	(3)	40.	(3)	41.	(1)	42.	(4)
43.	(2)	44.	(4)	45.	(1)								