

EXAMINATION, 2023

(1st SEM.)

(Paper-IV)

ANATOMY .

Time: 3.00 Hrs Max Marks: –80

Note: - All questions carry equal marks 15 only. Question No 1 is compulsory carry 20 marks. Only one question from each unit is allowed.

SECTION 'A'

Q.1 (a) What is the definition of Anatomy?

शरीररचनाकीपरिभाषाएक्याहै?

(b) What is Nervous Tissues?

तांत्रिकीयउतकक्याहै?

(c) How many bones of Arms define separately?

भुजाओंकीकितनीअस्थियांअलगअलग

करकेलिखें?

(d) What is white cells and importance in sports?

स्वेतरक्तकणक्याहोतेहैंऔरखेलोंमें

इनकाक्यामहत्वहै?

(e) How many muscles in a sportsman body and its type?

SECTION 'B' Max marks-60

Note: - One question is compulsory from each unit

UNIT –I

Q.2 What are bones of body and classification of bones, describe function of back bone?

शरीरकीअस्थियाँक्याहैंअस्थियोंकावर्गीकरण

क्याहैंतथामेरुदंडकेप्रमुखकार्यक्याहैं?

OR

Q.2 What are the needs and importances of Anatomy and physiology in sports?

खेलोंमेंशरीररचनातथाशरीरकियाँविज्ञानकीआवश्यकताएवंमहत्वक्याक्याहैं?

UNIT-II

MAX MARKS: 15

Q.3 What is blood vascular system and its main parts. Describe in detail about heart structure and its function?

रक्तपरिभ्रमणसंस्थानक्याहैइसकेकितनेप्रमुख

भागहैंहृदयकीसंरचनाएवंकार्यकाविस्तारसेविवरणकरे?

OR

Q.3 What is Digestive Glands and its type. Explain in detail the function of liver and Gall bladder?

पाचनसंस्थानक्याहैंऔरकितनेप्रकारकीहोतीहैंयक्रतवपीताशयकेकार्यक्याहैंविस्तारसेविवरणकरे?

UNIT-III. MARKS : 15

Q.4 What is second wind, causes and symptoms of second wind, described in details?
सेकंडविडक्याहैंइसकेकारणवलक्षणोंकाविस्तारसेविवरणकरे?

OR

Q.4 Role of voluntary muscles in exercise and characteristics of muscles in sports?
व्ययाममेंएच्छिकस्नायुकीभूमिकातथास्नायुकिक्याक्याविषेसताएहैं?

UNIT: IV M. MARKS: 15

Q.5 What is Doping and its effects, disadvantage of Tobacco and smoking in daily life?
मादकप्रणयसेवनक्याहैतथाइसकेदुसप्रभावक्याक्यातम्बाकूऔरधूम्रपानकीक्याक्याहानियाँहैं?

OR

Q.5 What is muscular system, type of muscles and functions of skeletal muscles in detailed
by diagram?

मांसपेशियाँक्याहोतीहैंकितनेप्रकारकीहैंतथासेकेट्लमांसपेशियोंकेकार्यचित्रोसहितविस्तारसेव्याख्याकरे ?

खिलाडीकेशरीरमेंकितनीमांसपेशियाँहोती
हैंऔरयेकितनेप्रकारकीहोतीहैं?

(f) What are good warmness in daily life of sports person.
सामान्यप्रतिदिनजिवनमेंखिलाडीकीक्या
क्याअच्छीआदतेहोतीहैं?

(g) What is muscular endurance?
मांसपेशीदमखमक्याहैं

(h) What are the general warming up exercise?
सामान्यउतेजितव्ययामक्याहोतेहैं?

(j) What is the isometric exercise?
गतिहीनव्ययामक्याहोतेहैं?

(k) How many calories for university level sportsman and woman required in age
of between 20 to 25 years daily?

विश्वविध्यालयस्तरकेएथलीटपुरुषव
महिलाजिनकीआयु 20 से 25 वर्षकेबिच
होंउन्हेंप्रतिदिनकितनीकैलोरीलेनीचाहिए?

(Turn over