

Time: Three Hours

Max. Marks: 100

KRIYA SHARIR (HUMAN PHYSIOLOGY) - PAPER - II (RS-7)

Q.P. CODE: 3606

(QP contains three pages)

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

NOTE: MCQ answers must be written in words along with alphabets

LONG ESSAYS

4 x 10 = 40 Marks

- Explain about the Srotas, Karma, Utpatti, Pancha Bhoutikatva, Vruddhi, Kshaya, Sarata and important features of Rakta Dhatu in detail
- Write about Srotas, Karma, Utpatti, Guna, Vruddhikshaya, Sarata and important features of Shukra Dhatu.
- Write about the Mutra Vahasrotas, Mootrotatti and Vruidhikshaya of Mootra.
- Write about the clotting factors, clotting mechanisms and its applied physiology.

SHORT ESSAYS

8 x 5 = 40 Marks

- Write about the Srotomoola, Utpatti and Vruddhi Kshaya of Mamsa Dhatu.
- Write about karma and Utpatti of Majja and write about Majja Pradoshaja vikara.
- Write about the Utpatti, Karma, Srotas and Vruddhi, Kshaya of Sweda.
- Write about the Guna, karma and Vishaya of Manas.
- Write about the various stages of erythropoiesis and precursors of erythropoiesis.
- Write about the structure, types and functions of adipose tissue.
- Write about auditory physiology and auditory pathway.
- Write about the defecation reflex.



Multiple Choice Questions

20 x 1 = 20 Marks

- _____ is the Pramana of Rasa dhatu
A. 9 Anjali
B. 1/2 Anjali
C. 9 Anjali
D. 4 Anjali

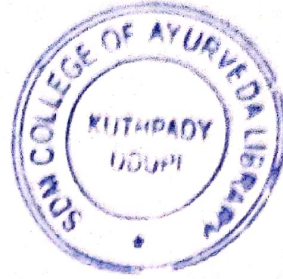
- Shuddharakta is similar to _____
A. Sphatika
B. Madhu
C. Gunja phala
D. Laja

- Number of peshis in females is
A. 500
B. 520
C. 400
D. 420

- Asthisankhya according to Sushruthasamhitha is _____
A. 360
B. 348
C. 300

7. _____ is lakshana of Majja Sara purusha
- Mahasphik
 - Mahashira
 - Mahanetra
 - Mahalalata

8. _____ is a Shudhashukra lakshana
- Laja Gandhi
 - Sarpi Gandhi
 - Visra Gandhi
 - Madhu Gandhi



- Gandha of Ojus is
- Laja Gandhi
 - Sarpi Gandhi
 - Visra Gandhi
 - Madhu Gandhi

- Pramana of Kandara is _____
- 8
 - 24
 - 700
 - 16

- Kandu is a lakshana seen in
- Mutra vruddhi
 - Swedavriddhi
 - Twakvriddhi
 - Vatavriddhi

- _____ is a type of Swapna
- Adrusta
 - Smruta
 - Adbuta
 - Anubhoota

- RBCs contain
- Nucleus
 - Mitochondria
 - Ribosomes
 - None of the above

- Injection of antibodies is an example of
- Active natural immunity
 - Passive natural immunity
 - Active artificial immunity
 - Passive artificial immunity

- T wave in ECG is produced by
- Atrial depolarization
 - Ventricular depolarization
 - Atrial repolarization

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D. Ventricular repolarization



5. Dark band of a Myofibril is called as
- I band
 - A band
 - Z band
 - D band

6. _____ is responsible for transport of cholesterol from the tissues back to the liver
- LDL
 - HDL
 - VLDL
 - PDL

7. Fructose present in semen is synthesised by
- Seminal vesicles
 - Vas deferens
 - Prostate
 - Epididymis

8. HCG is produced in
- First 2 months of pregnancy
 - Second trimester
 - Third trimester
 - After delivery

Following is an abnormal constituent of urine

- Urea
- Uric acid
- Creatinine
- Proteins

Renal threshold for glucose is

- 180 mg/dl
- 325 mg/dl
- 180 mg/min
- 375 mg/min

Scala tympani and Scala media are separated by

- Basilar membrane
- Reissners membrane
- Tectorial membrane
- Secondary tympanic membrane

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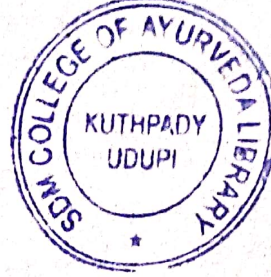
CORRECTIONS

Read Question No. 13 & 14 as follows :

Multiple Choice Questions

20 x 1 = 20 Marks

13. _____ is the Pramana of Rasa dhatu
- A. 9 Anjali
 - B. ½ Anjali
 - C. 8 Anjali
 - D. 4 Anjali
14. Shuddha Rakta is similar to _____
- A. Sphatika
 - B. Madhu
 - C. Gunja phala
 - D. Laja



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Tee MH