

First Professional BAMS Degree Supplementary Examinations**January 2024****Kriya Shareera - Paper II (AyUG – KS)****(2021 Scheme)****Time: 3 Hours****Total marks:100**

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw diagrams wherever necessary

1. Multiple Choice Questions**(20x1=20)**

The Answers to MCQ questions (Q.No.i to Q.No.xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- The formation of sira occurs from
 - Rasa dhatu
 - Mamsa dhatu
 - Medo dhatu
 - None of the above.
- Shuddha rakta resembles the colour of _____
 - Gunjaphala
 - Indragopa
 - Laksha rasa
 - Both a & b
- Lepanam is the function of _____ dhatu
 - Majja
 - Rasa
 - Mamsa
 - Shukra
- Which is a feature of asthisara
 - Mahotsaha
 - Aloulya
 - Snigdha swara
 - All of the above
- Timira darshana is a lakshana of _____
 - Majja vriddhi
 - Majja kshaya
 - Rasa kshaya
 - Both b & c
- Shuddha shukra resembles
 - Taila
 - Sphatika
 - Madhu
 - All the above
- Shleshma is an ashrayee in which of the following dhatus
 - Meda
 - Mamsa
 - Rakta
 - Both a & b
- Which among the following forms the 5th layer of twacha
 - Avabhasini
 - Rohini
 - Vedini
 - Tamra
- Pramana of mutra is _____
 - 9 anjali
 - 3 anjali
 - 4 anjali
 - 5 anjali
- Which among the following nyaya does not explain the gunas of manas.
 - Alata chakra darshana nyaya
 - Utpala shata patra veda nyaya
 - Khale kapota nyaya
 - Deergha shashkuli nyaya
- Hemoglobin first appears in _____
 - Early normoblast
 - Intermediate normoblast
 - Late normoblast
 - Pronormoblast
- Which is not an autoimmune disorder
 - Hashimoto's thyroiditis
 - Grave's disease
 - Endemic goitre
 - Myaesthesia gravis
- Which among these is known as peripheral heart
 - Quadriceps femoris
 - Intercostal muscles
 - Gastrocnemius-Soleus
 - Diaphragm

(PTO)

- xiv. This happens in a contracted skeletal muscle fiber
 - a) A band vanishes
 - b) H zone is reduced
 - c) I band elongates
 - d) I band is steady
- xv. The class of lipoproteins that is protective against atherosclerosis is _____
 - a) Low-density lipoproteins
 - b) Very low-density lipoproteins
 - c) High-density lipoproteins
 - d) Chylomicrons
- xvi. Absence of fructose in Semen indicates
 - a) Abnormality of seminiferous tubule
 - b) Absence of Seminal vesicle
 - c) Prostatic hypertrophy
 - d) Absence of testes.
- xvii. Which placental hormone is used for the diagnosis of pregnancy
 - a) hCG
 - b) hPL
 - c) Oestrogen
 - d) Progesterone
- xviii. Which among the following forms the structure of Juxta Glomerular apparatus.
 - a) Macula Densa
 - b) Juxta Glomerular cells
 - c) Extra glomerular mesangial cells
 - d) All of the above
- xix. Anuria indicates
 - a) Complete absence of urine
 - b) Volume of urine <50ml
 - c) Volume of urine <500ml
 - d) Both (a) and (b)
- xx. Which is a part of auditory pathway
 - a) Medial lemniscus
 - b) Medial geniculate body
 - c) Lateral geniculate body
 - d) Trigeminal lemniscus

2. Define Dhatu Poshana Nyaya and describe in detail Kedari Kulya Nyaya.
3. Define Ojas. Explain its function in the body. List the features of oja kshaya.
4. Define Nidra and Swapna. Describe the types of Nidra.
5. Define Upadhatu. Describe the Upadhatu of Rasa and Rakta.
6. Define anaemia. Explain the types of anaemia based on cause.
7. Describe the types of sweat glands. List the functions of skin.
8. Describe the uterine changes during menstrual cycle.
9. Explain the mechanism of Formation of Urine.

10. Describe Utpathi, Sthana, Shuddha Rakta Lakshana, Karma and Vridhi - Kshaya lakshana of Rakta dhātu.
11. Write in detail about the Karma and vridhi – Kshaya lakshana of Majja dhātu. Describe the Majja dhātu sarata lakshana
12. Describe the guna, artha, karma of manas. Describe the importance of manas in the perception of knowledge. List the panchapanchaka
13. Define blood pressure and pulse pressure. Describe the nervous regulation of blood pressure.