

**WRITTEN TEST FOR THE SELECTION TO THE POST OF  
ASSISTANT PROFESSOR IN RACHANA SHAREERAM**

*Time: 90 minutes*

*Maximum Marks: 100*

This test consists of 100 multiple choice questions. Details are indicated below:

Sl. No.	Topic	Questions
1.	Subject Knowledge	80
2.	General Awareness	20

**INSTRUCTIONS**

1. Before you start answering, check whether your Question Booklet is in order and contains 12 pages.
2. Mark your answers in the OMR sheet provided.
3. Read and follow the instructions given in the OMR sheet before marking answers and writing details.
4. Use only **black/blue ball point pen** for writing details in the boxes and shading the bubble.
5. There will be no negative marks.
6. Use of calculators, mobile phone, books, any other paper or materials will not be permitted.
7. Put your signature in the space provided in the OMR Sheet, in the presence of the invigilator.
8. Rough work may be done on page 2 only. No other markings are allowed on the question booklet & OMR sheet.
9. Follow the instructions of the invigilators in all matters inside the examination hall.
10. Handover the admit card, question booklet and OMR sheet to the invigilator at the end of the test.

**WARNING**

1. Pen marking once made is final.
2. Fresh OMR Sheet/Question Booklet will not be supplied for any reason except printing/ manufacturing defects.
3. Avoid perforation, dampening or soiling of the OMR Sheet.
4. Any attempt to erase the pen mark once made will leave smudges or marks on the bubble in the OMR sheet which will be treated as a valid marking.
5. Any fresh mark made after attempting erasure of an already marked bubble will lead to multiple marks and lead to being considered wrong answer.
6. Use of white fluid or any other correction fluid to erase the pen marking once made is not permitted. Any attempt to do so will result in summary rejection of the Answer Sheet.

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**-Rough Work-**

**Direction (1-100): Choose most appropriate answer only**

1. Number of bones in hand and wrist is  
a. 26                                      b. 27                                      c. 16                                      d. 21
2. Number of bones in human body as per Charaka Samhitha is  
a. 300                                      b. 365                                      c. 360                                      d. 272
3. Find out majja in the following  
a. rakta + medas                                      b. medas+ sleshma  
c. medas+ kapha                                      d. medas+ pitta+rakta
4. Sira, Snayu, Sukra, Dhamani are included under which bhavas  
a. matrija                                      b. pitrija                                      c. atmaja                                      d. aharaja
5. Anterior fontanellae ossifies at  
a. 1 year                                      b. 11 months                                      c. 9 months                                      d. 2 years
6. Sternal angle is at the level of  
a. T2 Vertebra                                      b. T4                                      c. T5                                      d. None of these
7. The oldest and the commonest tissue transplantation  
a. bone grafting                                      b. blood transfusion  
c. skin grafting                                      d. None of these
8. Number of kostanga according to charaka  
a. 10                                      b. 15                                      c. 14                                      d. 9
9. Snayu is a upadhatu formed from  
a. rasa                                      b. rakta                                      c. mamsa                                      d. medas
10. Lumbar enlargement of spinal cord is from  
a. T 11- S 2                                      b. T11- L5                                      c. L1-S2                                      d. T12-L5
11. Triangular shaped defect of external oblique muscle  
a. deep inguinal ring                                      b. superficial inguinal ring  
c. Both a & b                                      d. none of these
12. Dhamani marmas are mentioned by  
a. Charaka samhitha                                      b. Sushrutha samhitha  
c. Astanga hridaya                                      d. both b & c

13. Length of spinal cord  
a. 33                      b. 32                      c. 45                      d. 25
14. Which is not a rotator cuff muscle  
a. teres major                      b. teres minor  
c. supraspinatus                      d. subscapularis
15. Highest level of iliac crest  
a. L3                      b. L4                      c. L2                      d. L5
16. Apneustic area is situated in  
a. Medulla                      b. Pons                      c. Cerebellum                      d. Midbrain
17. Number of spinal nerves are  
a. 31                      b. 32                      c. 33                      d. 34
18. Skull bones are \_\_\_\_\_ in number  
a. 28                      b. 14                      c. 20                      d. 18
19. According to Vagbhata, Shaka is  
a. pada & pani                      b. rakta                      c. pitta                      d. sira
20. Largest carpal bone is  
a. scaphoid                      b. capitate                      c. trapezoid                      d. lunate
21. Number of kesa, smashru and loma are  
a. 956                      b. 9956                      c. 19956                      d. 29956
22. Pratyangas are \_\_\_\_\_ in number  
a. 50                      b. 56                      c. 45                      d. none
23. Ethmoid bone is present in  
a. Anterior cranium                      b. Posterior cranium  
c. Behind nasal cavity                      d. Both a&b
24. According to Ayurveda Temporo-Mandibular joint is  
a. Vayasthuda                      b. Kora                      c. Samudgam                      d. Ulookhalam
25. Types of snayus  
a. 12                      b. 8                      c. 4                      d. 6

26. Non-Nervous fibrous part of the spinal cord is
- |                    |                    |
|--------------------|--------------------|
| a. Cauda equine    | b. Filum terminale |
| c. Conus medularis | d. None            |
27. Spinal nerves related with Knee jerk are
- |             |             |             |                |
|-------------|-------------|-------------|----------------|
| a. L2-L3-L4 | b. L3-L4-L5 | c. L1-L2-L3 | d. L1-L2-L3-L4 |
|-------------|-------------|-------------|----------------|
28. Vital capacity of young adult male Lung is
- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| a. 1200ml | b. 2500ml | c. 4600ml | d. 5600ml |
|-----------|-----------|-----------|-----------|
29. Number of Patala in Netra
- |      |      |      |      |
|------|------|------|------|
| a. 2 | b. 5 | c. 6 | d. 4 |
|------|------|------|------|
30. Meeting point of two paritel bones is called
- |           |            |           |           |
|-----------|------------|-----------|-----------|
| a. Nasion | b. Pterion | c. Lambda | d. Bregma |
|-----------|------------|-----------|-----------|
31. Which cell secretes the matrix for bone formation?
- |                  |               |
|------------------|---------------|
| a. Osteoclastoma | b. Osteoclast |
| c. Mesoblasts    | d. Osteoblast |
32. Which cartilage is present at the joints of long bones?
- |              |            |            |            |
|--------------|------------|------------|------------|
| a. Calcified | b. Elastic | c. Hyaline | d. Fibrous |
|--------------|------------|------------|------------|
33. Which of the following connects margins of lateral masses of atlas with those of posterior articular surfaces of axis?
- |                          |                           |
|--------------------------|---------------------------|
| a. Articular capsules    | b. Posterior atlantoaxial |
| c. Anterior atlantoaxial | d. The transverse         |
34. Pulmonary vein carries \_\_\_\_\_
- |                     |                       |
|---------------------|-----------------------|
| a. Oxygenated blood | b. Deoxygenated blood |
| c. Mixed Blood      | d. Blood with urea    |
35. Which is the only organ to receive arterial supply from all 3 branches of the coeliac trunk?
- |            |           |          |             |
|------------|-----------|----------|-------------|
| a. Stomach | b. Spleen | c. Liver | d. Pancreas |
|------------|-----------|----------|-------------|
36. Which is not passing through a inguinal canal.
- |                   |                             |
|-------------------|-----------------------------|
| a. Spermatic cord | b. Ilioinguinal erve        |
| c. Femoral nerve  | d. Round ligament of uterus |
37. Mathruka marma is
- |                       |                  |
|-----------------------|------------------|
| a. Sadyopranahara     | b. Rujakara      |
| c. Kalantarapranahara | d. None of these |

38. Utkshepa marma is
- a. mamsa marma
  - b. asthi marma
  - c. snayu marma
  - d. dhamani marma
39. Phuphusa is derived from
- a. shonitam
  - b. shonita phenam
  - c. sleehma pitta phanam
  - d. shonita kittam
40. Nitambasthi is a type of
- a. Kapala
  - b. Rujaka
  - c. Valaya
  - d. Nalaka
41. Ulnar nerve supplies following muscle in forearm:
- a. Flexor carpi radialis
  - b. Flexor carpi ulnaris
  - c. Extensor carpi ulnaris
  - d. Pronator teres
42. Nerve to Subclavius is a branch arising from
- a. Roots of brachial plexus
  - b. Lower trunk of brachial plexus
  - c. Upper trunk of brachial plexus
  - d. Lateral cord of brachial plexus
43. Clavipectoral fascia is pierced by following structures except
- a. Cephalic vein
  - b. Acromiothoracic artery
  - c. Superior thoracic artery
  - d. Lateral pectoral nerve
44. Deltoid belongs to following type of muscle
- a. Unipennate
  - b. Bipennate
  - c. Multipennate
  - d. Strap muscle
45. Radial bursa contains the tendon of
- a. Flexor carpi radialis
  - b. Extensor carpi radialis longus
  - c. Extensor carpi radialis brevis
  - d. Flexor pollicis longus
46. First bone to ossify in the body
- a. Cervical vertebra
  - b. Scapula
  - c. Clavicle
  - d. Femur
47. Injury to radial nerve in the axilla causes
- a. Claw hand
  - b. Wrist drop
  - c. Erbs paralysis
  - d. Klumpkes paralysis
48. Fascia contributing to the formation of femoral sheath
- a. Campers fascia
  - b. Scarpas fascia
  - c. Fascia iliaca
  - d. Fascia lata

49. Muscle supplied by branch from facial nerve
- a. Medial pterygoid  
c. Masseter
- b. Lateral pterygoid  
d. Buccinator
50. Cells responsible for nourishment of CNS
- a. Astrocytes  
c. Schwann cells
- b. Oligodendrocytes  
d. Microglia
51. S2, S3, S4 is the root value of
- a. Femoral nerve  
c. Obturator nerve
- b. Genitofemoral nerve  
d. Pudental nerve
52. Lymphatics from testis drain into
- a. Para-aortic group of lymph nodes  
b. Internal iliac group of lymph nodes  
c. Deep inguinal lymph nodes  
d. Superficial inguinal lymph nodes
53. Detrusor is a muscle of
- a. Scrotum  
c. Vas deferens
- b. Urinary bladder  
d. Urogenital diaphragm
54. Simple squamous epithelium lines the following structure
- a. Aorta                      b. Gall bladder                      c. Skin                      d. Thyroid gland
55. Hassalls corpuscles are present in
- a. Spleen                      b. Lymph node                      c. Tonsil                      d. Thymus
56. According to Sushrutha number extra asayas in woman are.
- a. 2                      b. 3                      c. 1                      d. none
57. Fibres which radiate between cerebral cortex and internal capsule
- a. Corona radiate                      b. Corpus calosum                      c. Midbrain                      d. None
58. Anjali pramana of Vasa
- a. 5                      b. 4                      c. 2                      d. 3
59. Acc to Sushruta, no of peshi in jihva
- a. 5                      b. 1                      c. 2                      d. 3
60. No of patala in Netra according to Sushruta
- a. 5                      b. 6                      c. 7                      d. 4

61. According to Sharangadhara, seat of prana  
a. Nabhi                      b. Hridaya                      c. Shiras                      d. Urs
62. Which type of joint is found in vertebral column ,  
a. Samudga                      b. Sankhavartha                      c. Tuna seevani                      d. Pratara
63. Which of the following sneyu is found in Basti pradesha?  
a. Pratanavati                      b. Sushira                      c. Vritta                      d. Prithu
64. Which among the following number is wrong according to Sushruta  
a. Dhamani =200                      b. Sira= 700                      c. Sandhi=210                      d. Pesi=500
65. According to Charaka samhitha which are the moolasthanas of Asthivaha srotas  
a. Medas&Twak                      b. Medas. &Jaghana pradesa  
c. Asthi,&Sandhi                      d. Vrikka,&Vapavahana
66. Which among the Pancha mahaboota is absent in Sukra  
a. Akasa                      b. Vayu                      c. Agni                      d. Jala
67. Which among the following is one Anjali pramana  
a. Medas                      b. Majja                      c. Raktha                      d. Sukra
68. According to Charaka, which among the following is false regarding asthi sankhya  
a. Greeva asthi -15                      b. Prushta gata asthi- 45  
c. Urogata asthi 14                      d. None of the above
69. According to Charaka, which is false in case of Twak  
a. It consists of six layers                      b. First layer is udakadhara  
c. Second layer is asrkdhara                      d. None of these
70. SA node is otherwise known as  
a. Keith-Flack node                      b. Node of Tawasa  
c. Bundle of His node                      d. Node of Ranvier
71. Which of these receptors detects stretching or lengthening of a muscle?  
a. Nociceptors                      b. Muscle spindle  
c. Golgi tendon organ                      d. Meissner's corpuscle
72. The occipital lobe contains which of the following primary sensory areas?  
a. Visual                      b. Taste                      c. Auditory                      d. Olfactory



73. Nodule of spleen contains?
- a. Red pulp and white pulp  
c. Glucose stored as glycogen
- b. Hormone producing cells  
d. Cells producing platelets
74. When does the development of heart begin?
- a. 1st week                      b. 12th week                      c. 5th week                      d. 3rd week
75. During which stage do the three primary layers first appear?
- a. Blastulation  
c. Fertilization
- b. Neurulation  
d. Gastrulation
76. Human placenta is derived from \_\_\_\_\_
- a. Chorion                      b. allantois                      c. amnion                      d. allantois and chorion
77. Fertilization of sperm and ovum takes place in \_\_\_\_\_
- a. Ampulla of oviduct  
c. Fimbriae of oviduct
- b. Isthmus of oviduct  
d. Uterus
78. What are the types of cells found in parathyroid gland
- a. Alpha and beta cells  
c. Parafollicular and follicle cells
- b. Chiefcells and oxyphil  
d. Pituicytes and basophil cells
79. Match the following akruthi of Garbha
- | Group A           | Group B      |
|-------------------|--------------|
| 1. ghana akruthi  | A. NAPUMSAKA |
| 2. pesya akruthi  | B. PURUSHA   |
| 3. arbuda akruthi | C. STRI      |
- a. 1-A,2-B,3-C                      b. 1-B,2-C,3-A  
c. 1-C,2-B,3-A                      d. none of these
80. Which kala is *udarastham*
- a. Medodhara                      b. Sleshmadhara  
c. Rakthadhara                      d. None
81. The All India Institute of Ayurveda (AIIA) signed a Memorandum of Understanding (MoU) with the aim to promote collaboration in research and developing guidelines for integrating Ayurveda principles with modern medicine with which of the following University?
- a. Australia's Western Sydney University                      b. Banaras Hindu University  
c. National University of Singapore                      d. University of Cambridge
82. On which day is Dhanvanthari Jayanthi celebrated?
- a. 25<sup>th</sup> October                      b. 28<sup>th</sup> October  
c. 25<sup>th</sup> December                      d. 28<sup>th</sup> December

83. Which country hosts the 6<sup>th</sup> International Ayurveda Congress (IAVC)?  
a. India            b. Bhutan            c. Myanmar            d. Nepal
84. What is the full form of CCRAS?  
a. Central Council for Research in Ayurvedic Sciences  
b. Central Committee for Rashtriya Ayurvedic Sciences  
c. Chief Council of Rashtriya Ayurvedic Sciences  
d. Central Council for Research in Ayurveda Sector
85. Who is the Minister of State (IC) for AYUSH?  
a. D.V. Sadananda Gowda            b. Shripad Yesso Naik  
c. Narendra Singh Tomar            d. Dr. Harsh Vardhan
86. Where is All India Institute of Ayurveda (AIIA) located?  
a. Bangalore            b. New Delhi            c. Chennai            d. Mumbai
87. Which State Government has recently approached the Union Government for allowing use of antlers of spotted deer and sambar for Ayurveda medicines?  
a. Madhya Pradesh            b. Tamil Nadu            c. Maharashtra            d. Kerala
88. Which of the following is an ancient Sanskrit spiritual text containing some of the earliest written references to the theory and practice of Ayurveda?  
a. Kama Sutra            b. Rig Veda            c. Adharva Veda            d. Ramayana
89. The ayurvedic classification system of physiological components of human beings, vaata, pitha kaba, is also followed in  
a. Naturopathy            b. Yoga            c. Unani            d. Siddha
90. When was the Pharmaceutical Laboratory of Indian Medicine (PLIM) established?  
a. 1970            b. 1980            c. 1985            d. 1990
91. Which one of the following is India's first anti-diabetic ayurvedic drug?  
a. BGR-34            b. BGR-35            c. BRG-34            d. BRG-35
92. Where is National Institute of Ayurveda located?  
a. New Delhi            b. Thiruvananthapuram            c. Jaipur            d. Mumbai
93. Where is 4<sup>th</sup> Global Ayurveda Festival to be conducted?  
a. Kottakkal            b. Thrissur            c. Kochi            d. Kottayam
94. India signed an MOU in the field of AYUSH with which country?  
a. Maldives            b. Madagascar            c. Mauritius            d. None of these

95. Which ministry of India has launched the first central academic institute and the second Ayurvedic College in North East India?
- a. WCD  
c. AYUSH
- b. Agriculture  
d. Science and Technology
96. Name a clinical trial in which blood is transfused from recovered COVID-19 patients to a coronavirus patient who is in critical condition?
- a. Plasma Therapy  
c. Remdesivir
- b. Solidarity  
d. Hydroxychloroquine
97. Which year was Aryavaidya Patasala in Kerala started?
- a. 1915  
b. 1917  
c. 1923  
d. 1926
98. Ashes of which of the following plant is used as an extract for preparing Kshara which is used as a remedy for worms, indigestion, kidney stones, skin diseases, and obesity?
- a. Indian snakeroot  
c. Adhoghanta
- b. Sain Joseph's wort  
d. Tulsi
99. Out of the three basic doshas in Ayurveda, the pitha dosha is linked to which one of the following five classical elements?
- a. Fire  
b. Air  
c. Space  
d. Earth
100. Which one of the following is NOT one among the Panchakarmas?
- a. Vaman  
b. Nasya  
c. Agada  
d. Virechana



Post: Assistant Professor in Rachana Shareeram

Sl. No.	Answer
1	B
2	C
3	Cancelled
4	B
5	Cancelled
6	B
7	C
8	B
9	D
10	C
11	B
12	C
13	C
14	A
15	B
16	B
17	Cancelled
18	A
19	A
20	B
21	D
22	B
23	A
24	A
25	C
26	B
27	A
28	C
29	C
30	Cancelled
31	D
32	C
33	Cancelled
34	A

Sl. No.	Answer
35	A
36	C
37	A
38	C
39	B
40	A
41	B
42	C
43	C
44	C
45	D
46	C
47	B
48	C
49	D
50	A
51	D
52	A
53	B
54	A
55	D
56	C
57	A
58	D
59	B
60	Cancelled
61	A
62	D
63	B
64	A
65	B
66	Cancelled
67	B
68	D

Sl. No.	Answer
69	D
70	A
71	B
72	A
73	A
74	D
75	D
76	A
77	A
78	B
79	B
80	A
81	A
82	Cancelled
83	Cancelled
84	A
85	B
86	B
87	D
88	B
89	D
90	A
91	A
92	C
93	C
94	C
95	C
96	A
97	B
98	C
99	A
100	C

Approved  


**EXECUTIVE DIRECTOR**  
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