INSTRUCTIONS TO CANDIDATES

(Use only blue/black ball-point pen in the space above and on both sides of the Answer Sheet)

1. Within 10 minutes of the issue of the Question Booklet, please ensure that you have got the correct booklet and it contains all the pages in correct sequence and no page/question is missing. In case of faulty Question Booklet, bring it to the notice of the Superintendent/Invigilators immediately to obtain a fresh Question Booklet.

2. Do not bring any loose paper, written or blank, inside the Examination Hall except the Admit Card without its envelope.

3. A separate Answer Sheet is given. It should not be folded or mutilated. A second Answer Sheet shall not be provided.

4. Write your Roll Number and Serial Number of the Answer Sheet by pen in the space provided above.

5. On the front page of the Answer Sheet, write by pen your Roll Number in the space provided at the top, and by darkening the circles at the bottom. Also, wherever applicable, write the Question Booklet Number and the Set Number in appropriate places.

6. No overwriting is allowed in the entries of Roll No., Question Booklet No. and Set No. (if any) on OMR sheet and Roll No. and OMR sheet no. on the Question Booklet.

7. Any change in the aforesaid entries is to be verified by the invigilator, otherwise it will be taken as unfair means.

8. This Booklet contains 40 multiple choice questions followed by 10 short answer questions. For each MCQ, you are to record the correct option on the Answer Sheet by darkening the appropriate circle in the corresponding row of the Answer Sheet, by pen as mentioned in the guidelines given on the first page of the Answer Sheet. For answering any five short Answer Questions use five Blank pages attached at the end of this Question Booklet.

9. For each question, darken only one circle on the Answer Sheet. If you darken more than one circle or darken a circle partially, the answer will be treated as incorrect.

10. Note that the answer once filled in ink cannot be changed. If you do not wish to attempt a question, leave all the circles in the corresponding row blank (such question will be awarded zero marks).

11. For rough work, use the inner back pages of the title cover and the blank page at the end of this Booklet.

12. Deposit both OMR Answer Sheet and Question Booklet at the end of the Test.

13. You are not permitted to leave the Examination Hall until the end of the Test.

14. If a candidate attempts to use any form of unfair means, he/she shall be liable to such punishment as the University may determine and impose on him/her.

Total No. of Printed Pages: 16
ROUGH WORK
No. of Questions : 50

Time : 2 Hours

Full Marks : 200

Note: (1) This Question Booklet contains 40 Multiple Choice Questions followed by 10 Short Answer Questions.

(2) Attempt as many MCQs as you can. Each MCQ carries 3 (Three) marks. 1 (One) mark will be deducted for each incorrect answer. Zero mark will be awarded for each unattempted question. If more than one alternative answers of MCQs seem to be approximate to the correct answer, choose the closest one.

(3) Answer only 5 Short Answer Questions. Each question carries 16 (Sixteen) marks and should be answered in 150-200 words. Blank 5 (Five) pages attached with this booklet shall only be used for the purpose. Answer each question on separate page, after writing Question No.

01. “Anubandha” is the synonym of :
   (1) Satwa  (2) Atma
   (3) Ayu    (4) Shareera

02. Rodhana comes under :
   (1) Parada dosha  (2) Parada samskara
   (3) Rasa pujana  (4) Rasa gathi

03. No plants survive in the surrounding of this species :
   (1) Ahiphena  (2) Vishatinduka
   (3) Vatsanabha (4) Dhatura

04. Mahaguda is a variety of :
   (1) Prameha pidaka  (2) Kaphaja Krimi
   (3) Guda vidradhi   (4) Bhagandhara
605/Rasa Shastra

05. “Jentaka” is the sweda of choice in which of the following ritu?
   (1) Vasanta   (2) Varsha
   (3) Greeshma (4) Hemantha

06. Charakopksara commentary on Charaka Samhita was written by:
   (1) Shivadas Sen   (2) Gangadhara Rai
   (3) Yogendranath Sen (4) Chakrapani

07. In suspected Arsenic poison which part of the body is particularly preserved for chemical analysis?
   (1) Heart   (2) Long bones
   (3) Skin    (4) Whole body

08. All of the following diseases are transmitted by faeco-ororal route EXCEPT:
   (1) Cholera   (2) Poliomyelitis
   (3) Hepatitis A   (4) Hookworm

09. The most radio-sensitive tissue is:
   (1) Brain   (2) Bone marrow
   (3) Thyroid (4) Liver

10. Which of the following is Vishishta purvaroop of Vataja Jwara?
    (1) Angamarda   (2) Jrimbha
    (3) Agnimandya (4) Aswedata

11. The author of Rasendra sara sangraha:
    (1) Gopala Krishna Bhatt
    (2) Acarya Yadavji Trikam Jee
    (3) Vasudevbhai Mulshnikar Dwivedi
    (4) Govinda Das Sen
12. How many Khanda (Parts) are present in Rasa ratnakara :
   (1) Three (2) Four
   (3) Seven (4) Five

13. Bhallataka taila will be prepared by using following yantra :
   (1) Kacchapa yantra (2) Patalayantra
   (3) Dola yantra (4) Valuka yantra

14. Kukkuta Puta is used for making bhasma of :
   (1) Tamra (2) Abhraka
   (3) Rajata (4) Vajra

15. The Parada attains Nasta pistatva in following Samskara :
   (1) Swedana (2) Mardana
   (3) Murchana (4) Rodhana

16. Gagana is the synonym of following drug :
   (1) Parada (2) Gandhaka
   (3) Abharaka (4) Vaikranta

17. Amritikarana process is required for following drug :
   (1) Makshika (2) Vaikranta
   (3) Gauripashana (4) Abhraka

18. Gairika is one of the ingredient in following formulation :
   (1) Pradaranaka Lauha (2) Kanchanara Guggulu
   (3) Triphala Guggulu (4) Avipatthikara churna
19. Kesaranjana is the property of following drug:
   (1) Haritaki  (2) Kasisa
   (3) Mandura  (4) Gairika

20. Tuvari is the synonym of following drug:
   (1) Kampillaka  (2) Tamra
   (3) Kanshi    (4) Saindhava lavana

21. The ingredients of BalChatur Bhadra Churna are:
   (1) Nagarmotha, Pippali, Atisa, Kakarashringi
   (2) Nagar, Pippali, Maricha, Kakarashringi
   (3) Nagarmotha, Pippali, Shunthi, Nimba
   (4) Nagarmotha, Pippali, Kakarashringi, Madhuka

22. Shadabindu Taila is prepared with:
   (1) Godugdha  (2) Gomutra
   (3) Nimbu Swarasa  (4) Ajadugdha

23. Saptakashaya Kalpana is described by:
   (1) Charaka  (2) Sushruta
   (3) Kashyapa  (4) Sharangadhara

24. The old drugs used as medicine are:
   (1) Guduchi, Pippali, Aswagandha, Madhu
   (2) Ghriti, Saunph, Aswagandha, Guduchi
   (3) Satavara, Pippali, Haritaki, Vasa
   (4) Pippali, Ghriti, Guda, Vayavidanga
25. According to Sharangadhara the quantity of Prakshepa Dravya in Asavarishta:

(1) 1/10 of Jala  
(3) 1/10 of Guda

(2) ½ of Madhu  
(4) ½ of Guda

26. Vatsanabha and Bhallataka are the ingredients of:

(1) Shankha Vati  
(3) Chandraprabha Vati

(2) Sanjivani Vati  
(4) Arogyavardhini Vati

27. The Murchchana process of Tila Taila destroys:

(1) Mala Dosha  
(3) Gandha Dosha

(2) Tridosha  
(4) Agni Dosha

28. In Sneha Paka by Pushpa Kalka the quantity of Pushpa Kalka of Sneha:

(1) 1/2  
(3) 4 times

(2) 1/8  
(4) 1/4

29. According to Sharangadhara the ratio of Dravya and Drava in Pramathya:

(1) 1:4  
(3) 4 Times

(2) 1:6  
(4) 1:8

30. Bhavana Dravya of Chitrakadi Vati:

(1) Ghritakumari  
(3) Matulunga Rasa

(2) Nimbu Swarasa  
(4) Amalaki Swarasa

31. Rule 170 and schedule Z of Drugs and Cosmetics Rule 1945 is notified for:

(1) Good Manufacturing Practices  
(3) Good Agricultural Practices

(2) Good Clinical Practices  
(4) Good Laboratory Practices
32. Section 33 EEA of Drugs and Cosmetics Act 1940 is about:
   (1) Unwarranted ASU Medicines
   (2) Confiscation of Ayurvedic Medicines
   (3) License of ASU Medicines
   (4) Shelf Life of Ayurvedic Medicines

33. "Schedule A" of Drugs and Cosmetics Rule 1945 is meant for:
   (1) Provisions of GMP of ASU Medicines
   (2) Directions for GMP of Rasaoushadhies of Ayurveda
   (3) Different Forms used in regulations of ASU Medicines
   (4) Different Forms used in regulations of all kinds of Medicines

34. Food Safety and Standard Act 2006 and FSSR 2011 stand for:
   (1) Ayurvedic Medicines
   (2) Allopathic Medicines
   (3) Homeopathic Medicines
   (4) Food, Beverages, Snacks etc

35. NPPR (National Pharmaceutical Pricing Regulation) 2012 is working for:
   (1) Modern Medicine or Allopathic Medicines
   (2) Ayurvedic Medicines
   (3) Homeopathic Medicines
   (4) Unani Medicines

36. Regulations for Ayurvedic Medicines are prepared by:
   (1) CDSCO, New Delhi
   (2) FDA, New Delhi
   (3) DRDO, New Delhi
   (4) CSIR, New Delhi
37. PLIM stands for:
   (1) Pharmacopeial Laboratory of Indian Medicine, Bangalore
   (2) Pharmacopeial Laboratory of Indian Medicine, Chennai
   (3) Pharmacopeial Laboratory of Indian Medicine, Mumbai
   (4) Pharmacopeial Laboratory of Indian Medicine, Ghaziabad

38. National AYUSH Mission, 2014 is launched by:
   (1) Hon Prime Minister in August 2014
   (2) Hon Prime Minister in September 2014
   (3) Hon Health Minister in September 2014
   (4) Hon Health Minister in October 2014

39. Which of the following Ayurvedic Medicine is studied at AIIMS, New Delhi for its safety profile which was published in Journal of Ethno Pharmacology?
   (1) Tribhuvan Kirti Rasa
   (2) Arogyavardhini Rasa
   (3) Sammer Pannag Rasa
   (4) Rasa Sindoor

40. "Traditional Medicine Strategy 2014-2023" is published by:
   (1) World Health Organisation
   (2) UN General Health Assembly
   (3) UNPP and WHO
   (4) None of above
Short Answer Questions

Note: Attempt any five questions. Write answer in 150-200 words. Each question carries 16 marks. Answer each question on separate page after writing Question Number.

01. Describe in brief the Collection and Storage of Ayurvedic drugs.

02. Discuss recent measures adapted by Ministry of AYUSH for quality control and standardization of Ayurvedic Medicines.

03. Write about Rasa Ratna samuchaya and its importance in Rasa Shastra.

04. Suggest modifications desired in current Good Manufacturing Practices guidelines of Ayurvedic medicines to make it more relevant to contemporary expectation of common public.

05. Write down definition of Avaleha and characteristic features of Avalche Pariksha.

06. Write down definition of Sandhana Kalpana and general method of preparation of Arishta with dose.

07. Describe the Amritikarana with relevant examples.

08. Market of classical Ayurvedic Medicines are not getting taker at present. Describe reasons for it and probable remedies to cope up it.

09. Write about different methods and shodhana mentioned for Haratala.

10. Write a brief note on safety issues related to mercurial medicines of Ayurveda quoting some examples from national and global concerns.
अभ्यासियों के लिए निर्देश

(इस पुस्तिका के प्रथम आवरण पृष्ठ पर तथा उत्तर-पत्र के दोनों पृष्ठों पर केवल नीली-काली बाल-व्याकरण घे से ही लिखिए)

1. प्रश्न पुस्तिका मिलने के 10 मिनटों के अंदर ही देख ले कि प्रश्नपत्र में सभी पृष्ठ मांजूद है और किए प्रवेश छूटा नहीं है। पुस्तिका दोषगुन पाये जाने पर इसकी सुचना तत्काल कस्त-निरीक्षक को देखने सम्पूर्ण प्रश्नपत्र की तूफानी पुस्तिका प्राप्त कर ली।

2. परीक्षा भवन में लिखना रहित प्रश्न-पत्र के अनिवार्य, लिखा या सादा कोई भी खुला कागज साथ में न लायें।

3. उत्तर-पत्र अलग से दिया गया है। इसे तो मोड़ें और न ही विकृत करें। दूसरा उत्तर-पत्र नहीं दिया जायेगा। केवल उत्तर-पत्र का ही मूल्यांकन किया जायेगा।

4. अपना अनुमान तथा उत्तर-पत्र का क्रमांक प्रथम आवरण-पृष्ठ पर पेंन से निर्धारित स्थान पर लिखें।

5. उत्तर-पत्र के प्रथम पृष्ठ पर पेंन से अपना अनुमान निर्धारित स्थान पर लिखें तथा नीचे लिखे बूंदों को गाढ़ा कर दें। नहीं-नहीं आवश्यक हो वहाँ प्रश्न-पुस्तिका का क्रमांक तथा सेट का नबबर उचित स्थानों पर लिखें।

6. ऑ.एम.ओ आर.एम.ओ पर अनुमान संख्या, प्रश्नपुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्नपुस्तिका पर अनुमान और ऑ.एम.ओ आर.एम.ओ पर संख्या की प्रतिविद्या में उपरलिखित की अनुमति नहीं है।

7. उपर्युक्त प्रतिविद्या में कोई भी परिवर्तन कक्ष-निरीक्षक द्वारा प्रारम्भित होना चाहिए अन्यथा यह एक अनुचित साधन का प्रयोग माना जायेगा।

8. प्रश्न-पुस्तिका में प्रश्नक्रम के चार वैकल्पिक उत्तर दिये गये हैं। प्रत्येक प्रश्न के वैकल्पिक उत्तर के लिए आयातक उत्तर-पत्र की सम्बन्धित पट्टिका के सामने दिये गये बूंद को उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार पेंन से गाढ़ा करना है।

9. प्रत्येक प्रश्न के उत्तर के लिए केवल एक ही बूंद को गाढ़ा करें। एक से अतिरिक्त पृष्ठों को गाढ़ा करने पर अथवा एक बूंद को अपूर्ण गाढ़े पर वह उत्तर गलत माना जायेगा।

10. ध्यान दें कि एक बार तय ही अंकित उत्तर बदलना नहीं किया जा सकता है। बाद में यदि किसी प्रश्न का उत्तर नहीं देना चाहिए है, तो संबंधित पट्टिका के सामने दिये गये सभी बूंदों को खाली छोड़ दें। ऐसे प्रश्नों पर शुष्क अंक दिये जायेंगे।

11. रफ्तार के लिए प्रश्न-पुस्तिका के मुख्यभाग के आंदोलन हाला पृष्ठ तथा उत्तर-पुस्तिका के अंतिम पृष्ठ का प्रयोग करें।

12. परीक्षा के उपराता केवल ऑ.एम.ओ आर.एम.ओ परीक्षा भवन में जमा कर दें।

13. परीक्षा समाप्त होने से पहले परीक्षा भवन से बाहर जाने की अनुमति नहीं होगी।

14. यदि कोई अवैध प्रश्न से अनुमुख साधनों का प्रयोग करता है, तो वह विश्वासघातक निर्धारित दंड का/की, भग्नी होगा/होगी।