

Set No. : 1

RET/15/TEST-B



Question Booklet No.

605 Rasa Shastra

00016

(To be filled up by the candidate by blue/black ball point pen)

Roll No.

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Roll No. (Write the digits in words)

Serial No. of OMR Answer Sheet

Day and Date

(Signature of Invigilator)

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

SEAL

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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 |

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- 05.** "Jentaka" is the sweda of choice in which of the following ritu ?
(1) Vasanta (2) Varsha
(3) Greeshma (4) Hemantha
- 06.** Charakopskara 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-oral 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 purvarooopa 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) Vasudevbbhai Mulshnkar 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) Pradarantaka Lauha (2) Kanchanara Guggulu
(3) Triphala Guggulu (4) Avipatthikara churna

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19. Kesaranjana is the property of following drug :

- | | |
|--------------|-------------|
| (1) Haritaki | (2) Kasisa |
| (3) Mandura | (4) Gairika |

20. Tuvvari 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) Ajudugdha |

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) Ghrita, Saunph, Aswagandha, Guduchi
- (3) Satavara, Pippali, Haritaki, Vasa
- (4) Pippali, Ghrita, Guda, Vayavidanga

25. According to Sharangadhara the quantity of Prakshepa Dravya in Asavarishta :
- (1) 1/10 of Jala (2) ½ of Madhu
(3) 1/10 of Guda (4) ½ of Guda
26. Vatsanabha and Bhallataka are the ingredients of :
- (1) Shankha Vati (2) Sanjivani Vati
(3) Chandraprabha Vati (4) Arogyavardhani Vati
27. The Murchhana process of Tila Taila destroys :
- (1) Mala Dosha (2) Tridosha
(3) Gandha Dosha (4) Agni Dosha
28. In Sneha Paka by Pushpa Kalka the quantity of Pushpa Kalka of Sneha :
- (1) 1/2 (2) 1/8
(3) 4 times (4) 1/4
29. According to Sharangadhara the ratio of Dravya and Drava in Pramathya :
- (1) 1:4 (2) 1:6
(3) 4 Times (4) 1:8
30. Bhavana Dravya of Chitrakadi Vati :
- (1) Ghritakumari (2) Nimbu Swarasa
(3) Matulunga Rasa (4) Amalaki Swarasa
31. Rule 170 and schedule Z of Drugs and Cosmetics Rule 1945 is notified for :
- (1) Good Manufacturing Practices
(2) Good Clinical Practices
(3) Good Agricultural Practices
(4) Good Laboratory Practices

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- 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) Phramacopeial 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, Ghazaibad
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 Avalcha 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.

Question No.

Page for Short Answer

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Page for Short Answer

अभ्यर्थियों के लिए निर्देश

(इस पुस्तिका के प्रथम आवरण पृष्ठ पर तथा उत्तर-पत्र के दोनों पृष्ठों पर केवल नीली-काली बाल-प्वाइंट पेन से ही लिखें)

1. प्रश्न पुस्तिका मिलने के 10 मिनट के अन्दर ही देख लें कि प्रश्नपत्र में सभी पृष्ठ मौजूद हैं और कोई प्रश्न छूटा नहीं है। पुस्तिका दोषयुक्त पाये जाने पर इसकी सूचना तत्काल कक्ष-निरीक्षक को देकर सम्पूर्ण प्रश्नपत्र की दूसरी पुस्तिका प्राप्त कर लें।
2. परीक्षा भवन में लिफाफा रहित प्रवेश-पत्र के अतिरिक्त, लिखा या सादा कोई भी खुला कागज साथ में न लायें।
3. उत्तर-पत्र अलग से दिया गया है। इसे न तो मोड़ें और न ही विकृत करें। दूसरा उत्तर-पत्र नहीं दिया जायेगा। केवल उत्तर-पत्र का ही मूल्यांकन किया जायेगा।
4. अपना अनुक्रमांक तथा उत्तर-पत्र का क्रमांक प्रथम आवरण-पृष्ठ पर पेन से निर्धारित स्थान पर लिखें।
5. उत्तर-पत्र के प्रथम पृष्ठ पर पेन से अपना अनुक्रमांक निर्धारित स्थान पर लिखें तथा नीचे दिये वृत्तों को गाढ़ा कर दें। जहाँ-जहाँ आवश्यक हो वहाँ प्रश्न-पुस्तिका का क्रमांक तथा सेट का नम्बर उचित स्थानों पर लिखें।
6. ओ० एम० आर० पत्र पर अनुक्रमांक संख्या, प्रश्नपुस्तिका संख्या व सेट संख्या (यदि कोई हो) तथा प्रश्नपुस्तिका पर अनुक्रमांक और ओ० एम० आर० पत्र संख्या की प्रविष्टियों में उपरिलेखन की अनुमति नहीं है।
7. उपर्युक्त प्रविष्टियों में कोई भी परिवर्तन कक्ष निरीक्षक द्वारा प्रमाणित होना चाहिये अन्यथा यह एक अनुचित साधन का प्रयोग माना जायेगा।
8. प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार वैकल्पिक उत्तर दिये गये हैं। प्रत्येक प्रश्न के वैकल्पिक उत्तर के लिए आपको उत्तर-पत्र की सम्बन्धित पंक्ति के सामने दिये गये वृत्त को उत्तर-पत्र के प्रथम पृष्ठ पर दिये गये निर्देशों के अनुसार पेन से गाढ़ा करना है।
9. प्रत्येक प्रश्न के उत्तर के लिए केवल एक ही वृत्त को गाढ़ा करें। एक से अधिक वृत्तों को गाढ़ा करने पर अथवा एक वृत्त को अपूर्ण भरने पर वह उत्तर गलत माना जायेगा।
10. ध्यान दें कि एक बार स्याही द्वारा अंकित उत्तर बदला नहीं जा सकता है। यदि आप किसी प्रश्न का उत्तर नहीं देना चाहते हैं, तो संबंधित पंक्ति के सामने दिये गये सभी वृत्तों को खाली छोड़ दें। ऐसे प्रश्नों पर शून्य अंक दिये जायेंगे।
11. रफ कार्य के लिए प्रश्न-पुस्तिका के मुखपृष्ठ के अंदर वाला पृष्ठ तथा उत्तर-पुस्तिका के अंतिम पृष्ठ का प्रयोग करें।
12. परीक्षा के उपरान्त केवल ओ एम आर उत्तर-पत्र परीक्षा भवन में जमा कर दें।
13. परीक्षा समाप्त होने से पहले परीक्षा भवन से बाहर जाने की अनुमति नहीं होगी।
14. यदि कोई अभ्यर्थी परीक्षा में अनुचित साधनों का प्रयोग करता है, तो वह विश्वविद्यालय द्वारा निर्धारित दंड का/की, भागी होगा/होगी।