

AN

Set No. : 1

Question Booklet No.

RET/17/TEST-B

605

Rasa Shastra

(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 30 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 : 20

ROUGH WORK

रफ़ कार्य

Research Entrance Test-2017

No. of Questions : 50

प्रश्नों की संख्या : 50

Time : 2 Hours

Full Marks : 200

समय : 2 घण्टे

पूर्णाङ्क : 200

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

इस प्रश्न पुस्तिका में **40** वस्तुनिष्ठ व **10** लघु उत्तरीय प्रश्न हैं।

(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.

अधिकाधिक वस्तुनिष्ठ प्रश्नों को हल करने का प्रयत्न करें। प्रत्येक वस्तुनिष्ठ प्रश्न **3 (तीन)** अंकों का है। प्रत्येक गलत उत्तर के लिए **1 (एक)** अंक काटा जायेगा। प्रत्येक अनुत्तरित प्रश्न का प्राप्तांक शून्य होगा। यदि वस्तुनिष्ठ प्रश्नों के एकाधिक वैकल्पिक उत्तर सही उत्तर के निकट प्रतीत हों, तो निकटतम सही उत्तर दें।

(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.

केवल **5 (पाँच)** लघुउत्तरीय प्रश्नों के उत्तर दें। प्रत्येक प्रश्न **16 (सोलह)** अंकों का है तथा उनका उत्तर **150-200** शब्दों के बीच होना चाहिए। इसके लिए इस पुस्तिका में लगे हुए सादे **5 (पाँच)** पृष्ठों का ही उपयोग आवश्यक है। प्रत्येक प्रश्न का उत्तर एक नए पृष्ठ से, प्रश्न संख्या लिखकर शुरू करें।

- 01.** Mala of Medo dhatu is :
- | | |
|-------------|---------------|
| (1) Mutra | (2) Sveda |
| (3) Purisha | (4) Medo roga |
- 02.** Takrarista is indicated in which disease ?
- | | |
|----------------|---------------|
| (1) Sandhivata | (2) Gridhrasi |
| (3) Urustambha | (4) Grahani |
- 03.** The synonym of Rasakriya is :
- | | |
|------------|-------------|
| (1) Kalka | (2) Avaleha |
| (3) Churna | (4) Vati |
- 04.** According to Charak Samhita, Sankhapushpi should be used as Medhya Rasayana in form of :
- | | |
|-------------|------------|
| (1) Svarasa | (2) Churna |
| (3) Kalka | (4) Kwatha |
- 05.** Main Kalpana of Snehapana is :
- | | |
|-----------|---------------|
| (1) Vasti | (2) Yusha |
| (3) Audan | (4) Acchapeya |
- 06.** Use of Kalyanaka Ghrita is described in Kashyapa Samhita in :
- | | |
|---------------------------|---------------------------|
| (1) Vedanadhayaya | (2) Lehadhayaya |
| (3) Dantajanmika adhayaya | (4) Visesa Kalpa adhayaya |

07. Vamana is the choice of treatment in which type of ajirna :
- (1) Amajirna (2) Vidagdhajirna
(3) Vistabdhajirna (4) Rasasesajirna
08. According to Charak Samhita, pure blood resembles the colour of :
- (1) Gunja phala (2) Bhallataka phala
(3) Udumbara phala (4) Madhuka phala
09. Which of the following drug is **not** Yogavahi ?
- (1) Draksha (2) Pippali
(3) Madhu (4) Ghrita
10. Gunja is enumerated in Gana called :
- (1) Upavisha (2) Visha
(3) Mahavisha (4) Garavisha
11. " Amri Karoti hi Mritah....." Complete the verse :
- (1) Karunakar Sutat (2) Muktido Bhawati
(3) Pavitrataro Sutat (4) Koanya Kaunakarah Sutat
12. Pragma bodhi Prashamita rujam is in reference to :
- (1) Vaikranta (2) Parada
(3) Abhraka (4) Gandhaka
13. Sukachanchunibho is the synonyms of :
- (1) Hartala (2) Gandhaka
(3) Tamra (4) Kasisa

14. Kasamarda and Chaulai rasa are shodhan dravya of :
- | | |
|--------------|---------------|
| (1) Gandhaka | (2) Abharaka |
| (3) Parada | (4) Shilajatu |
15. Colour of Abhraka bhasma is :
- | | |
|----------------|-------------------------|
| (1) Aruna | (2) Pakva Jambhoo Phala |
| (3) Sindurabha | (4) Aruna & Sindurabha |
16. Vajira is the type of :
- | | |
|----------------|------------------|
| (1) Sara Loha | (2) Tikshna Loha |
| (3) Munda Loha | (4) Kanta Loha |
17. Rajhasta measurment is in reference with :
- | | |
|----------------|--------------------|
| (1) Gajaputa | (2) Mahaputa |
| (3) Varahaputa | (4) Ardthagajaputa |
18. Chanchlya & Durgahatva are in reference to :
- | | |
|------------------------|----------------------------|
| (1) Parada Yogika dosa | (2) Parada Naisargika dosa |
| (3) Rasabandhana | (4) Rasa Aupadhika dosa |
19. Bilva & Vrhati are apathya during treatment of :
- | | |
|-----------------|---------------|
| (1) Gandhaka | (2) Abhraka |
| (3) Rasa Bhasma | (4) Shilajatu |

20. Kajjali is :

- (1) Ausabha
- (2) Type of Rasa bandha
- (3) Aushadha & Type of Rasa bandha
- (4) Compound of Abhraka & Gandhaka

21. The Author of Vaidyaka paribhasha pradeepa :

- (1) Sharanghadhara
- (2) Chakra Datta
- (3) Govindasena
- (4) Gangadhar

22. Synonim of Kashaya :

- (1) Rajah
- (2) Niryuha
- (3) Churnadrava
- (4) Hima

23. Avaleha siddha lakshana :

- (1) Phenodgma
- (2) Phenasanti
- (3) Tantumatva
- (4) Sabdahino agni nikshipta

24. Accoding to Sharanghadhara the expiry period of Avaleha :

- (1) 2 Months
- (2) 16 Months
- (3) one year
- (4) As old as good

25. Metric equivalentents of one prastha according to Ayurvedic pharmacopoeia :

- (1) 48 gm
- (2) 96 gm
- (3) 192 gm
- (4) 768 gm

26. According to Sharangadhara samhita on all occasions fresh drugs only should be used for making recipes except following mentioned item :
- (1) Guduchi (2) Kutaja
(3) Vidanga (4) Vasa
27. Mula (Root) of the plant should be collected according to Charaka Samhita in following season (ritu) :
- (1) Sisira (2) Grishma
(3) Varsha (4) Vasanta
28. Sandhava lavana (Rock salt) is one of the ingredient in below mentioned formulation :
- (1) Hinguashtaka churna (2) Triphala guggulu
(3) Sitopaladi churna (4) Vasavaleha
29. Kshoda is the synonym of below mentioned dosage form :
- (1) Ushnajala (2) Kashaya
(3) Avaleha (4) Churna
30. Pharmaceutical particle size determination will be done by below mentioned method :
- (1) By random counting method
(2) By observation
(3) With the help of Sieve size (Number)
(4) With the help of counting machine

31. What are defining works of PLIM, Ghaziabad ?

- (1) Prepare syllabus of Rasa Shastra
- (2) Publish Parameters of Quality Control of Ayurvedic Medicines
- (3) Planning of Toxicity studies of Bhasma
- (4) All of above

32. Saundarya/Prasadhak Ayurvedic medicines are licensed under :

- (1) Rule 169 of Drugs and Cosmetics Rule 1945
- (2) Rule 151 of Drugs and cosmetics Rule 1945
- (3) Rule 158 of Drugs and Cosmetics Rule 1945
- (4) None of above

33. As per official gazette of Ministry of AYUSH, self life of *Churna kalpa* is :

- | | |
|------------------------|---------------------------|
| (1) Two month | (2) Two year |
| (3) No fix time period | (4) Not decided till date |

34. All India institute of Ayurveda was inaugurated by Hon Prime Minister of India on :

- | | |
|---------------------|---------------------|
| (1) 16 October 2017 | (2) 17 October 2017 |
| (3) 18 October 2017 | (4) 19 October 2017 |

35. Ministry of AYUSH, Government of India has mandated registration of clinical studies of Ayurvedic Medicines at CTRI from :
- (1) April 01,2018
 - (2) December 01,2017
 - (3) October 01,2016
 - (4) No fix date has been announced.
36. Which of the following is necessary to get a Patent ?
- (1) Innovation
 - (2) Not Obvious
 - (3) Industrial application
 - (4) All of above
37. Ayurvedic Nutraceuticals are licensed by :
- (1) Ministry of AYUSH, Gol
 - (2) Ministry of Health and Family Welfare
 - (3) Under provision of FSSR 2012 by Ministry of Health & FW, Gol
 - (4) All of above
38. Which of the following analytical test is not applicable to Bhasma ?
- (1) X ray diffraction
 - (2) AAS
 - (3) FTIR
 - (4) GLC

39. As per TechSci Research report, "India Ayurvedic Products Market Forecast & Opportunities, 2011-2021", Growth rate of Ayurvedic Medicine is :
- (1) 25% (2) 16%
(3) 30% (4) 20%
40. Export of Ayurvedic Medicines are facilitated by :
- (1) COPP issued by CDSCO, Ministry of Health & FW, Gol
(2) COPP issued by Ministry of Commerce
(3) COPP issued by Ministry of ATUSH, Gol
(4) All 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 the process of Rasaparpati.
02. Describe the Concept of Marana.
03. Describe the Gati of Parada.
04. Write Short notes on Bhasma Pariksha.
05. Write the Siddhi lakshana of Sneha kalpana.
06. Write about procedure of Tablet hardness test and write about its utility.
07. Write briefly about role of place, season and duration of fermentation in the preparation of Asava-Arishta.
08. Define adulterated drugs of ASU system as per Drugs and Cosmetics Act 1940.
09. What are analytical parameters for standardisation of *Sandhan Kalpa* ?
10. Define heavy metals and its relevance with Ayurvedic medicines ?

Question No.

Page for Short Answer

Question No.

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Question No.

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ROUGH WORK
रफ़ कार्य

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 30 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/का, भागी होगा/होगी।

