

2016.

Set No. : 1

Question Booklet No.

RET/16/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

49.

51A

RET/16/TEST-B

605/Rasa Shastra

ROUGH WORK

रफ़ कार्य

Research Entrance Test-2016

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. The redactor of Agnivesha Tantra is :

- | | |
|----------------|----------------|
| (1) Dalhana | (2) Charaka |
| (3) Chakrapani | (4) Dridhabala |

02. The first samhita to describe Phirangaroga :

- | | |
|---------------------------|---------------------------|
| (1) Sharangadhara Samhita | (2) Charaka Samhita |
| (3) Sushruta Samhita | (4) Bhava Prakash Samhita |

03. Rashi Purusha is associated with :

- | | |
|---------------|---------------|
| (1) 24 Tatvas | (2) 20 Tatvas |
| (3) 4 Tatvas | (4) 2 Tatvas |

04. The number of Tantra yuktis is :

- | | | | |
|--------|--------|--------|--------|
| (1) 42 | (2) 36 | (3) 58 | (4) 60 |
|--------|--------|--------|--------|

05. Kanaka is the synonym of :

- | | |
|-------------------|--------------|
| (1) Swarnaksheeri | (2) Chitraka |
| (3) Dhatura | (4) Haritaki |

06. The number of gunas of a visha is :

- | | | | |
|-------|-------|--------|--------|
| (1) 8 | (2) 7 | (3) 16 | (4) 10 |
|-------|-------|--------|--------|

07. The number of Adharanceeya vega is :

- | | | | |
|--------|--------|-------|-------|
| (1) 13 | (2) 10 | (3) 8 | (4) 6 |
|--------|--------|-------|-------|

08. The synonym of Nidana is :

- | | |
|---------------|--------------|
| (1) Samsthana | (2) Vyanjana |
| (3) Utthana | (4) Jati |

09. The shape of Dristi in Netra is that of :

- | | |
|--------------|----------------|
| (1) Rajika | (2) Masuradala |
| (3) Sarshapa | (4) Masha |

10. According to Sushruta the number of varieties of Mudha garbha gati is :

- | | | | |
|-------|-------|-------|-------|
| (1) 4 | (2) 6 | (3) 8 | (4) 2 |
|-------|-------|-------|-------|

11. The author of Vaidyaka paribhasha pradipa :

- | | |
|---------------------|---------------|
| (1) Govindasena | (2) Gangadhar |
| (3) Upendranath Das | (4) Cakrapani |

12. Metric equivalent of one Prastha as per AFI :

- | | |
|-----------|----------------|
| (1) 96gm | (2) 3 kg 73 gm |
| (3) 48 gm | (4) 768 gm |

13. As per the charaka samhita, the mula (root) of the plant is to be collected in following season (Ritu) :

- | | |
|-------------|--------------------|
| (1) Varsha | (2) Grishma |
| (3) Hemanta | (4) Varsha-Hemanta |

14. Expiry period of Gutika and avaleha as per Saranghadhara sambita:

- | | |
|----------------|-----------------------|
| (1) Two months | (2) One year |
| (3) Two years | (4) One and half year |

15. The dose of Putapaka swarasa :

- | | |
|---------------|----------------|
| (1) Half pala | (2) One pala |
| (3) Two pala | (4) One karsha |

16. Niryuha is the synonym of :

- | | |
|-------------|----------------|
| (1) Phanta | (2) Hima |
| (3) Kashaya | (4) Kshirapaka |

17. Sieve number of coarse powder :

- | | | | |
|---------|-----------|--------|---------|
| (1) 100 | (2) 10/24 | (3) 85 | (4) 120 |
|---------|-----------|--------|---------|

18. According to Bhaishajya ratnavali the indication of Hingvashtaka churna :

- | | |
|---------------|----------------|
| (1) Vata roga | (2) Gulma |
| (3) Aruchi | (4) Udara sula |

19. According to Sharanghadhara the indication of Triphala guggulu :

- | | |
|-----------------|---------------|
| (1) Vrana | (2) Nadi vaha |
| (3) Sandhi sula | (4) Bhagat |

20. Gandhaka will be one of the ingredient in following formulation :

- | | |
|----------------------|----------------------|
| (1) Yogaraja guggulu | (2) Triphala guggulu |
| (3) Simhandaguggulu | (4) Kaishora guggulu |

21. Who is the of Ayurvedaprakash ?

- | | |
|-------------|---------------|
| (1) Bindu | (2) Chunamani |
| (3) Madhava | (4) Somadev |

22. What is the name of chapter of Rasachintamani ?

- | | |
|-------------|------------|
| (1) Satbak | (2) Patal |
| (3) Adhikar | (4) Tarnga |

23. What is Pamari ?

- | | |
|-------------|------------|
| (1) Gairik | (2) Kasisa |
| (3) Gandhak | (4) Vanga |

24. What is the minimum amount of Parad for Samskar as per Rasa Ratna Samuchchya ?

- | | |
|-------------|--------------|
| (1) 1 Pala | (2) 1/2 Pala |
| (3) 10 Pala | (4) 2 Pala |

25. What is the colour of Rajat Bhasma ?

- | | |
|-----------|------------|
| (1) Red | (2) Yellow |
| (3) White | (4) Black |

26. What is the therapeutic dose of Ilcerak (Diamond) Bhasma as per Rasa Tarngani ?

- | | |
|---------------------|-------------------|
| (1) 1/32-1/16 Ratti | (2) 1/8-1/4 Ratti |
| (3) 1/32-1/16 Tola | (4) 1/8-1/4 Tola |

27. What is the therapeutic dose of Suddha Gauripasna as per Rasa Tarngani ?

- | | |
|-------------------|----------------------|
| (1) 1/4-1/2 Ratti | (2) 1/8-1/4 Ratti |
| (3) 1-1/3 Ratti | (4) 1/120-1/30 Ratti |

28. What is the chemical formula of Manhashila ?

- | | | | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| (1) Sb_2S_3 | (2) As_2S_2 | (3) As_2S_3 | (4) As_2O_3 |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|

29. What is Pranorasedrsya ?

- | | |
|-------------|--------------|
| (1) Gandhak | (2) Makshik |
| (3) Abhrak | (4) Vaikrant |

30. What is Kharpara Satwa ?

- | | |
|-----------|-----------|
| (1) Naga | (2) Tamra |
| (3) Yasad | (4) Rajat |

31. Rule 160 A of Drugs and Cosmetics Rules, 1945 is dealing with :

- (1) Issue of free sale of Ayurvedic Medicines
- (2) Approval of Institution for testing of Ayurvedic Medicines
- (3) Issue of license for manufacturing of Ayurvedic Medicines
- (4) Issue of export of Ayurvedic Medicines

32. Balya/Poshak/Muqaw/Positive Health Promoter formulations are sub classified under :

- (1) Section 3(h) of Drugs and Cosmetics Act, 1940
- (2) Section 3(a) of Drugs and Cosmetics Rule, 1945
- (3) Rule 158 of Drugs and Cosmetics Act, 1940
- (4) Rule 170 of Drugs and Cosmetics Rule, 1945

33. As per laws, which of the following is part of packing, labelling of Ayurvedic Medicines :

- (1) Name of Ayurvedic Medicines
- (2) Batch number
- (3) Date of Manufacture
- (4) All of above

34. As per schedule T of Drugs and Cosmetics Rule, 1945 requirement of space for manufacturing of Churna is :

- | | |
|------------------|-----------------|
| (1) 1200 sq feet | (2) 200 sq feet |
| (3) 100 sq feet | (4) 500 sq feet |

35. DMR 1954 is applicable on :

- (1) Misleading advertisement of treatment of disease
- (2) Misleading advertisement of medicines
- (3) Both 1 and 2
- (4) None of the above

36. Which of the following formulation is not the standardised product of CCRAS "

- | | |
|--------------|---------------|
| (1) Ayush -A | (2) Ayush -C |
| (3) Ayush-D | (4) Ayush -C1 |

37. is the term used to describe an unequal distribution of colour on a tablet, with light or dark spots standing out in an otherwise uniform surface :

- | | |
|---------------|---------------|
| (1) Mottling | (2) Cratering |
| (3) Bridgning | (4) Blooming |

38. CONSORT Stands for :

- (1) Consolidated Standards of Reporting Trials
- (2) Consolidated Standards of Recording Trials
- (3) Corporate Norms for Sophisticated Randomised Trial
- (4) Corporate Norms for Standardised Randomised Trial

39. According to WHO guidelines for assessing quality of herbal medicine, Herbs, Fresh juices, Gums, Fixed oils, Essential oils, Resins and Dry powders are called as :

- | | |
|---------------------|-------------------------------|
| (1) Herbs | (2) Herbal Materials |
| (3) Herbal Products | (4) Herbal Medicinal Products |

40. Working Principle of END Runner is :

- | | |
|----------------------------|---------------------------|
| (1) Impact and Sharing | (2) Crushing and Impact |
| (3) Crushing and Hammering | (4) Crushing and Shearing |

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.** Write about method of preparation of Arka kalpana.
- 02.** Write about method of preparation and indications of Satadhauta ghrita.
- 03.** Write about the siddhi lakshana of Sandhan kalpana.
- 04.** Define "Samskar" and explain in detail about Astasmskar of Parad.
- 05.** Define Bhavana. Discuss its role in Bhasmikaran process.
- 06.** Define Trividh Loha Paka with the Darva Drvya (liquid media).
- 07.** Discuss about objectives of Pharmacopeial Laboratory of Indian Medicines and its role after establishment of Pharmacopeial Commission of Indian Medicine.
- 08.** Write a short note on status of new Ayurvedic Medicines (Phytopharmaceuticals) as per protocols of CDSCO.
- 09.** Write a comment on 'Right Sugar' and 'BGR 34' medicines being advertised in electronic media and print media for the treatment of Diabetes (Madhumeha).
- 10.** Write a brief note on applicability of X ray diffraction and AAS in standardisation of Ayurvedic Medicines.

Question No.

Page for Short Answer

Question No.

Page for Short Answer

Question No.

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Question No.

Page for Short Answer

ROUGH WORK

रफ़ कार्य

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-निर्गणक 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।