

Question Booklet No.

(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 changes 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 page 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 : 15

FOR ROUGH WORK

Research Entrance Test – 2013

No. of Questions : 50

Time : 2 Hours

Full Marks : 200

- Note :** (i) This Question Booklet contains 40 Multiple Choice Questions followed by 10 Short Answer Questions.
- (ii) 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.
- (iii) 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.

1. Which one is used to measure length ?
(1) Payya Mana (2) Pautava Mana (3) Druvaya Mana (4) Nishpava
2. Melting temperature of silver is ?
(1) 232°C (2) 419°C (3) 960°C (4) 1063°C
3. Bulb of onion is modification of ?
(1) Root (2) Stem (3) Radical (4) Plumula
4. Movement of food through oesophagus is due to ?
(1) Lubrication of saliva (2) Peristalsis
(3) Gravitational pull (4) External pressure
5. The breakdown of pyruvate to give carbon dioxide, water and energy takes place in ?
(1) Cytoplasm (2) Mitochondria (3) Chloroplast (4) Nucleus
6. The autotrophic mode of nutrition requires ?
(1) Carbon dioxide and water (2) Chlorophyll
(3) Sunlight (4) All of above three
7. Where is bile produced ?
(1) Gall bladder (2) Blood (3) Liver (4) Spleen
8. The correct pathway of blood in circulatory system is ?
(1) Atria → ventricles → arteries → veins
(2) Ventricles → atria → veins → arteries
(3) Ventricles → veins → arteries → atria
(4) Veins → ventricles → atria → arteries
9. How does light normally travel ?
(1) In concentric circles (2) In a straight line
(3) Always towards a dark area (4) In a curved line
10. Light travels fastest through which of the following material ?
(1) Diamond (2) Water (3) Glass (4) Air

11. Galada raupya nibham is the synonym of :
- (1) Parada (2) Rajata (3) Vanga (4) Yashada
12. Mala is enumerated under which dosha of Parada :
- (1) Naishargika (2) Yougika (3) Kanchuka (4) Darpa
13. Which samskara of Parada eliminates the shandhatwa of Parada ?
- (1) Swedana (2) Mardana (3) Utthapana (4) Rodhana
14. Which process makes parada suitable for therapeutic purposes ?
- (1) Samskara (2) Shodhana (3) Jarana (4) Murchchhana
15. Varitaratwa is indicative of which quality of bhasma ?
- (1) Fineness (2) Softness (3) Lightness (4) Roughness
16. Khuraka and mishraka is a types of ?
- (1) Parada (2) Vanga (3) Naga (4) Yashada
17. Which one is known as Agni veerya ?
- (1) Parada (2) Gandhaka (3) Swarna (4) Agnijara
18. What for mentioned Vikrintayati Lohani ?
- (1) Makshika (2) Hartala
(3) Tamra (4) Kshudra kulish
19. Which one is Ferro Magnesium Mica ?
- (1) Swetabhraka (2) Krishna Bajrabhraka
(3) Pitabhraka (4) Raktabhraka.

20. Which Puta is indicated for Swarna Makshika Marana ?
 (1) Krod puta (2) Bhudhara puta (3) Mahaputa (4) Lavaka puta
21. Which one is Tamra Ranjaka ?
 (1) Gairika (2) Manahshila (3) Kharpara (4) Tuttha
22. Color of Tamra Bhasma is :
 (1) Red (2) Yellow (3) Black (4) White
23. Which one is not containing copper ?
 (1) Gairik (2) Sasyaka
 (3) Mayur pichchha (4) Bhunag
24. Which one is not obtained from the neck of the bottle in Kupipaka ?
 (1) Makaradhwaja (2) Swarnavanga
 (3) Malla sindura (4) Rasa Karpura
25. Which one is indicated for prameha ?
 (1) Naga (2) Manahshila (3) Yashada (4) Vanga
26. What is the author name of Vaidyaka paribhasha pradipa ?
 (1) Sharangadhara (2) Govindasena
 (3) Gangadhar (4) Chakradatta
27. For making the Sukshma Churna kalpana (Fine powder) the following machine is required :
 (1) Disintegrator (2) Granulator (3) Pulveriser (4) Mass mixer

28. Metric equivalents of one Ratti :

- (1) 100 gm (2) 1 gm (3) 48 gm (4) 125 gm

29. Synonym of Churna kalpana :

- (1) Niryuha (2) Rasakriya
(3) Kshoda (4) Kwatha churna

30. Saviryata avadhi of Sneha kalpana as per the Sharangadhara samhita :

- (1) 12 months (2) 6 months (3) 2 years (4) 16 months

31. According to Sharangadhara samhita sneha kalpana prepared by Mridupaka is meant for Vasti :

- (1) Nasya (2) Vasti (3) Abhyanga (4) Pana

32. Synonym of Kwatha kalpana :

- (1) Kwatha (2) Niryuha (3) Kashya (4) All of above

33. Satadhauta ghrita is indicated in :

- (1) Dagdha vrana (2) Pinasa (3) Swasa (4) Kasa

34. The following drug is the ingredient of Hinguashtaka churna ?

- (1) Saindhava lavana (2) Vidalavana
(3) Haritaki (4) Amalaki

35. The following drug is the ingredient of lavangadi vati ?

- (1) Aksha Phala (2) Amalaki (3) Ela (4) Aswagandha

36. The following drug is the ingredient of Jatyadighrita :

- (1) Tutha (2) Tankana (3) Sphatika (4) Aswagandha

37. Avaleha siddhilakshana according to Sharangadhara samhita :
- (1) Patra paka
 - (2) Apsumajjati
 - (3) Nirasakomale
 - (4) Nissabdo agni nikshipte
38. Asava- arishta always should be administered with :
- (1) Equal quantity of water
 - (2) Without water
 - (3) With churna
 - (4) With another asava and arishta
39. Hinguashtaka churna is to be administered :
- (1) Prathama kavala bhakte (With first marse)
 - (2) After food
 - (3) Empty stomach
 - (4) Early morning
40. Which asava is not in liquid form ?
- (1) Drakshasava
 - (2) Draksharishta
 - (3) Aswagandharishta
 - (4) Pindasava

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.

1. What is Avapa ?
2. How yougik dosha of parade can be removed ?
3. Samanya shodhana of Loha ?
4. Amritkarana of Tamra bhasma
5. What is Panchmrittika ?
6. Write about derivation of Bhaishajya kalpana ?
7. Write about siddhilakshana of Avaleha.
8. Write the importance of particle size in the preparation of Churna kalpana.
9. Describe the different types of Sneha paka with their applicability
10. Write about the the stability period of common Ayurvedic dosage forms.

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FOR ROUGH WORK

