

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. How many numbers of Vedangas ?
 (1) 06 (2) 18 (3) 14 (4) 105
12. How many Mandalas are there in Rigveda ?
 (1) 20 (2) 12 (3) 16 (4) 08
13. Vaiseshika Sutras of Kanada contains how many Adhyayas and Ahanikas ?
 (1) 10 Adhyayas and 20 Ahanikas
 (2) 20 Adhyayas
 (3) 10 Adhyayas and 10 Ahanikas
 (4) 20 Ahanikas
14. Vaiseshika Sutras of Kanada contains how many Sutras ?
 (1) 210 (2) 270 (3) 370 (4) 400
15. "मयुखैर्जगतः स्नेहः ग्रीष्मे पेपीयते रविः" ।
 In the above context the word "पेपीयते रविः" has been composed by applying the which rules of Sanskrit grammar ?
 (1) नामधातु प्रकरण (2) सनन्त प्रकरण (3) यङ्त प्रकरण (4) सन्धि प्रकरण
16. The last Pratyahar of Shiva Sutrani denoted as :
 (1) अण् (2) हल् (3) अच् (4) यय्
17. Who is known as most versatile and famous commentator of Rigveda ?
 (1) Sayanacharya (2) Cakrapani
 (3) Patanjali (4) Veda-Vyas
18. The book Namalingaanushasanam is dealing with :
 (1) Ayurveda (2) Vyakarana (3) Kosha-shastra (4) Jyotishavidya

19. The commentary named as Bhanumati on Sushurta Samhita is presently available in printed form only on :
- (1) Nidan-Sthana (2) Cikitsa-Sthana
(3) Kalpa-Sthana (4) Sutra-Sthana
20. Among the medical sciences included and governed by **AYUSH** system, which one of the following not having Indian origin.
- (1) Amchi (2) Homeopathy
(3) Siddha (4) Yoga and Naisargika upacara
21. Which is considered as "प्रथमकल्पिक कल्पः" of Sneha ?
- (1) अच्छपेय (2) ओदनं
(3) चतुःषष्टिः प्रविचारणा (4) चतुःविंशतिः प्रविचारणा
22. Naisthisiki chikitsa is known as chikitsa :
- (1) उपधायुक्त (2) विनोपधाम् (3) उपप्लव (4) संप्लव
23. Which one is considered as "निखिलतंत्रबीजभूत" ?
- (1) त्रिसूत्र (2) आप्तोदपेदश (3) शरीर (4) आत्मा
24. Saubiranjan should be used :
- (1) Pancha ratrata (2) Asta ratrata (3) Tri ratrata (4) Pratyaham
25. Anu Tail should not be applied during :
- (1) Pravrita Ritu (2) Sarada Ritu (3) Varsa Ritu (4) Vasanta Ritu
26. Department of Indian System of Medicine & Homeopathy (ISM & H) Govt. of India had renamed as department of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homeopath (**AYUSH**) in which year ?
- (1) Nov., 2003 (2) March, 1995 (3) Sept., 1971 (4) March, 2000

27. Fill up the gaps with appropriate word "..... वातवृद्धिः" ।
 (1) घृतान् (2) चिन्तया (3) संकल्पाद् (4) तर्पणाद्
28. Which one is considered as Kaphakarakam ?
 (1) आस्यादि कर्म (2) धावनादि कर्म (3) लंघनादि कर्म (4) शोकभयादि कर्म
29. The book "वाग्भट्ट विवेचन" authored by :
 (1) C. Dwarakanath (2) P.V. Sharma
 (3) Yadavjee Trikamjee (4) Shiva Sharma
30. "Tantrabhushana" adhyayas are available in :
 (1) Kashyapa Samhita Sutra-Sthana
 (2) Sushruta Samhita Uttaratantra
 (3) Sushruta Samhita Sutra-Sthana
 (4) Astanga Sangraha Sutra-Sthana
31. "Trivrit" is considered to be a :
 (1) Sukha virechanam (2) Tikshana virechanam
 (3) Mridu virechanam (4) Virechana dravya hinatwat
32. Which is more "बलाधिक्यं" (Powerful) ?
 (1) क्वाथ (2) कल्क (3) फाण्ट (4) स्वरस
33. The benefit namely "आयुस्यम्" can be derived from :
 (1) पादत्रधारणम् (2) दण्डधारणम्
 (3) छत्रधारणम् (4) व्यायाम परिवर्जनम्

34. In which season "शरीरबल" will be in best ?
- (1) Vasanta Ritu (2) Sarada Ritu
(3) Hemanta Ritu (4) Varsa Ritu
35. Which one is considered as improper activity of mind ?
- (1) सूचक (2) अप्रस्तावगतम्
(3) अस्तेय (4) विषये अनुचित प्रार्थना
36. "अभिध्या" is known as :
- (1) पराभिद्रोह चिन्तनम् (2) विषये पुनः पुनः प्रवर्तन इच्छा
(3) परानिष्टजनकम् (4) परद्रव्यग्रहणम्
37. "कर्णो नासिके" are known as :
- (1) इन्द्रियार्थाः (2) इन्द्रियम्
(3) इन्द्रियअधिष्ठानम् (4) इन्द्रियबुद्ध्यः
38. According Caraka Samhita Anuman are how many types ?
- (1) 04 (2) 05 (3) 01 (4) 03
39. "धरणीधारणं" is the function of :
- (1) लोकगत प्राकृत वायु (2) शरीरगत प्राकृत वायु
(3) विकृत शरीरगत वायु (4) विकृत लोकगत वायु
40. In the month of Madhava which type of Sneha should be taken ?
- (1) सर्पि (2) वसा एवं मज्जा (3) तैल (4) तैल एवं सर्पि

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. Write a brief essay on four Vedas.
2. Discuss epidemiological consideration available in Ayurvedic literatures.
3. Write briefly about different available concepts of Nyaya School and Vaisesika School of philosophy in Caraka Samhita
4. Discuss about material related to Astrology and Astronomy available in Caraka Samhita.
5. Write a simple essay on mental health sciences of ancient India with special reference to Caraka Samhita.
6. Discuss about ethical considerations and ethical values available in' Ayurvedic literatures.
7. Write importance of Sanskrit language for exploring and study of sciences and technology of ancient India.
8. Write an essay on importance of Catuskas of Sutra-sthana of Caraka Samhita.
9. Discuss briefly major contributions of Sushruta Samhita.
10. Describe comparative and critical consideration between Astanga Samgraha and Astanga Hridaya.

Roll No. :

Q. No. :

Roll No. :

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FOR ROUGH WORK

