

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 – 2014

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. The foremost expounder of Ayurveda is :
(1) Indra (2) Brahma
(3) Agnivesha (4) Dhanvantari
2. Ayurveda is the upaveda of which veda :
(1) Rigveda (2) Samaveda
(3) Atharvaveda (4) Yajurveda
3. Which is *not* a type of Sharirika Dosha :
(1) Vata (2) Tama
(3) Kapha (4) Pitta
4. The latin name of Amla is :
(1) Emblica ribes (2) Embelia officinalis
(3) Embelia ribes (4) Emblica officinalis
5. The sixth step of Ashtanga Yoga is :
(1) Pratyahara (2) Dhyana
(3) Dharana (4) Samadhi
6. World Health Organization day is celebrated on :
(1) 1st March (2) 7th April
(3) 1st April (4) 7th March
7. DOT's strategy is related with management of which disease ?
(1) Leprosy (2) Tuberculosis
(3) Bronchial asthma (4) Whooping Cough
8. The recommended daily intake of Vitamin A for an adult man is :
(1) 800 micrograms (2) 600 micrograms
(3) 950 micrograms (4) 900 micrograms

9. The vitamin involved in blood clotting process is :
- (1) Vitamin B (2) Vitamin K
(3) Vitamin E (4) Vitamin A
10. Which one is the involuntary muscle ?
- (1) Biceps (2) Deltoid
(3) Cardiac muscle (4) Trapezius
11. Principle of Treatment of PUYALASA is :
- (1) Chhedana (2) Bhedana
(3) Vyadhana (4) Lekhana
12. According to Sushruta in untreated Raktaja Adhimanth Dristinash occurs in :
- (1) 6 days (2) 4 days
(3) 7 days (4) 5 days
13. According to Bag bhat, Numbers of vartmagata roga are :
- (1) 9 (2) 21 (3) 24 (4) 12
14. Pakshma kopa disease is :
- (1) Sadhya (2) Yapy
(3) Asadhya (4) Lekhya Sadhya
15. Anyata vata is :
- (1) Shukla gata roga (2) Krishnagata roga
(3) Sarvagata netra roga (4) Vartmagata roga
16. Best site for IOL implantation is :
- (1) Endocapsular (2) Scleral Fixation
(3) Anterior Chamber (4) Iris Clip Implant

17. Modern IOL is not made up of :
- | | |
|------------------|-----------|
| (1) Acrylic acid | (2) PMMA |
| (3) Silicon | (4) Glass |
18. Treatment of Anjanamika is :
- | | |
|--------------|--------------|
| (1) Chhedana | (2) Lekhana |
| (3) Bhedana | (4) Vyadhana |
19. Number of LEKHYA ROGA is :
- | | | | |
|--------|-------|-------|--------|
| (1) 11 | (2) 9 | (3) 5 | (4) 15 |
|--------|-------|-------|--------|
20. Lens has a respiratory Quotient is :
- | | | | |
|-------|---------|---------|---------|
| (1) 1 | (2) 0.6 | (3) 0.7 | (4) 0.9 |
|-------|---------|---------|---------|
21. Over correction is preferable in :
- | | |
|--------------------|----------------|
| (1) Myopia | (2) Presbyopia |
| (3) Hyper metropia | (4) Aphakia |
22. Constantly changing of Refractive power is seen in :
- | | |
|-------------------------|--------------------------|
| (1) Traumatic cataract | (2) Diabetic cataract |
| (3) Morgagnian cataract | (4) Intumessent cataract |
23. Sclera is weakest at the level of :
- | | |
|---------------------------------------|-----------------|
| (1) Macula | (2) Equater |
| (3) Insertion of extra ocular muscles | (4) Ora serrata |
24. Diameter of Macula lutca is :
- | | |
|------------|------------|
| (1) 1.5 mm | (2) 3.5 mm |
| (3) 4.5 mm | (4) 5.5 mm |
25. As per sushruta, vata hata vartma is related to :
- | | |
|----------------|-----------------|
| (1) Lid tumour | (2) Tylosis |
| (3) Ptosis | (4) Blepharitis |

26. Slista vartma has been described by :

- (1) Yoga ratnakar (2) Sushruta
(3) Bhavmishra (4) Vagbhat

27. Prasadana Anjan Matra, as per Sushruta is :

- (1) 1 Harenu (2) $1 + \frac{1}{2}$ Harenu
(3) 2 Harenu (4) $2 + \frac{1}{2}$ Harenu

28. Tears are produced in the new born after :

- (1) 1 Week (2) 2 Weeks (3) 6 Weeks (4) 4 Weeks

29. Contribution of shirovasti by :

- (1) Charak (2) Sushruta (3) Bag bhat (4) Chakra datta

30. Krimi granthi Adhistana is :

- (1) Krishna mandala (2) Netra Sandhi
(3) Vartma (4) Shukla mandala

31. Sirajala is a :

- (1) Dristigata roga (2) Sarvagata roga
(3) Vartmagata roga (4) Shuklagata roga

32. As per sushruta Samhita, time duration of one matra/ Akshinimesh is equal to :

- (1) 0.3 Seconds (2) 0.6 Seconds
(3) 1.2 Seconds (4) 1.5 Seconds

33. The effect of topical non-steroidal anti-inflammatory drugs (NSAIDs) include except :

- (1) Reduction of macular Edema
(2) Maintenance of mydriasis during cataract Surgery
(3) Conjunctival hyperemia
(4) Bronchospasm

34. The incidence of retinal detachment is increased with use of :
- (1) Atropine (2) Latano prost
(3) Pilocarpine (4) Brimonidine
35. Main mechanism of action of prostaglandin analogues in gloucoma treatment is :
- (1) Decrease aqueous production (2) Increase Uveo scleral out flow
(3) Increase trabecular out flow (4) Neuro protection.
36. A fit 50 years old woman complains of very severe headache and droopy left upper lid, she get double vision when she lifts up hereyelid, is due to :
- (1) Third cranial nerve palsy (2) Fourth cranial nerve palsy
(3) Fifth cranial nerve palsy (4) Sixth cranial nerve palsy
37. A 50 years old man complains of headache that are made worse by coughing. They appear to be increasing in frequency. He admits to occassionally losing vision but only for a few seconds at a time. His visual acuities are normal. The cause may be due to :
- (1) Optic Neuritis (2) Papilloedema
(3) Anterior Ischemic optic Neuropathy (4) Acute Angle Closure Glaucoma
38. A 35 year old female patient experiencing numbness and weakness in her left arm, gives a three day history of increasing loss of vision in her right eye and pain on moving the eye, is due to :
- (1) Retinal Detachment (2) Acute Angle Closure glaucoma
(3) Optic neuritis (4) Vitreous Haemorrhage
39. "विमुकसन्धि निश्चेष्टं वर्त्म यस्यनमीलयते" Describes the clinical features of :
- (1) Nimesha (2) Vatahata vartma
(3) Kukunaka (4) Arsho vartma
40. KRIMIGRANTHI is caused by the visiation of which Dosha ?
- (1) Vata (2) Pitta
(3) Kapha (4) Rakta

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. Netra Sareera.
2. Concept of dristi in ayurveda.
3. Marma related to shalakya tantra.
4. Shiro dhara.
5. Putapaka.
6. Danta nadi.
7. Little's area.
8. Accommodation.
9. Refractive errors.
10. Deafness.

Roll No. :

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FOR ROUGH WORK

