

Set No. : 1

2016.

Question Booklet No.

RET/16/TEST-B

615

Rachana Sharir

(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 : 16

50.

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 Adharaneeya 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.** Crista terminalis is a feature of :
- | | |
|---------------------|--------------------|
| (1) Right Ventricle | (2) Left Ventricle |
| (3) Right Atrium | (4) Left Atrium |
- 12.** Which one statement is true ?
- (1) The antero-posterior diameter of thorax increased by bucket handles movement.
 - (2) Vertebro-chondral movement of 2nd to 6th ribs are called bucket handle movement.
 - (3) Pump handles movement increase the transverse diameter of thorax.
 - (4) The vertical diameter of thorax is increased by descent (contraction) of diaphragm.
- 13.** Detrusor muscle is found in :
- | | |
|---------------------|------------|
| (1) Stomach | (2) Uterus |
| (3) Urinary bladder | (4) Ureter |
- 14.** Sympahtetic nerve supply of urinary bladder :
- (1) Dilate the sphincter vesica
 - (2) Inhibit the constriction of Detruser muscles
 - (3) Dilate external urethral sphincter
 - (4) Constrict internal urethral sphincter

- 15.** Right coronary artery arises from :
 (1) anterior aortic sinus (2) left posterior aortic sinus
 (3) left anterior aortic sinus (4) arch of aorta
- 16.** Which disease occurs in tamra twacha according Acharya Sushruta ?
 (1) Tilkalak, Nyacha, Vyanga (2) Charmadala, Ajgallica
 (3) Kilas, Kustha (4) Arsha, Bhagandar
- 17.** Number of Garbhotpadak Bhav are :
 (1) 4 (2) 5 (3) 6 (4) 8
- 18.** According Acharya Sushruta utpatti of Hirdaya occur in :
 (1) Tritiya Maha (2) Chaturtha Maha
 (3) Pancham Maha (4) Sastha Maha
- 19.** Which Garbhotpadak Bhav develop to the yakrita and pliha ?
 (1) Matrij (2) Pitraj
 (3) Rasaj (4) Satmyaj
- 20.** Which one is not the type of joint ?
 (1) Ulukhal (2) Tunnsaveni
 (3) Prathu (4) Vayastund
- 21.** The numbers of vahirmukh (according to Sushrut) :
 (1) nine (2) six (3) fourteen (4) twelve
- 22.** The mool of mutravahasrotas (dwar of sharir) srotas :
 (1) Pakvashaya & Guda
 (2) Garbhashaya & Artavahi Dhamni
 (3) Basti & Medhra
 (4) Kati & Vrikka
- 23.** Which one of the example of Ball & Socket joint ?
 (1) Wrist joint (2) Knee joint
 (3) Hip joint (4) Elbow joint

- 24.** The fourth kala name :
- | | |
|------------------|-----------------|
| (1) Shukradhara | (2) Pittadhara |
| (3) Shleshmdhara | (4) Purishdhara |
- 25.** Which one is the correct answer concerning the numbers of Sira, Dhamni & Snayu ?
- | | |
|--------------------|---------------------|
| (1) 700, 24, & 900 | (2) 300, 500, & 900 |
| (3) 600, 24, & 800 | (4) 700, 24, & 500 |
- 26.** Which one of the following is the roots of Brachial plexus ?
- | | |
|--------------------------|-------------------------|
| (1) C5, C6, C7, C8 & T1 | (2) C2, C3, C4, C5 & C6 |
| (3) C7, C8, T1, T2, & T3 | (4) C8, T1, T2, T3 & T4 |
- 27.** The fifth cranial nerve :-
- | | |
|----------------------|----------------------|
| (1) Oculomotor nerve | (2) Facial nerve |
| (3) Olfactory nerve | (4) Trigeminal nerve |
- 28.** Origin (utpatti) of Yakrit & Pliha :
- | | |
|-----------------|-------------------|
| (1) Shonitphen | (2) Shonit |
| (3) Shonitkitta | (4) Shonit, kapha |
- 29.** Glossopharyngeal N., Vagus N., & Spinal accessory N. passes from which foramen ?
- | | |
|-----------------------|----------------------|
| (1) Hypoglossal canal | (2) Jugular foramen |
| (3) Foramen Lacerum | (4) Foramen spinosum |
- 30.** Manipur chakra is situated in :
- | | | | |
|----------|-------------|-----------|------------|
| (1) guda | (2) hridaya | (3) nabhi | (4) kantha |
|----------|-------------|-----------|------------|
- 31.** Which among the following is false ?
- | | |
|----------------|--------------|
| (1) kandara-16 | (2) Jala-16 |
| (3) Rajju-14 | (4) Kurcha-6 |

- 32.** Name the false statement according to Acharya Susruta :
- (1) There are 68 Sandhi in limb and 59 in trunk
 - (2) There are 120 bones in each limb
 - (3) There are 5 sevani in the shira
 - (4) Sanghata is 14 in number
- 33.** According to Acharya Vagbhatta total number of Simanta is :
- (1) 14
 - (2) 16
 - (3) 18
 - (4) 7
- 34.** Which organ, Acharya Caraka has not included in the Kosthanga ?
- (1) Kloma
 - (2) Unduka
 - (3) Vapavahan
 - (4) Purisadhara
- 35.** Measurment of "Tamra" layer of Twacha is :
- (1) 1/16 brihi
 - (2) 1/12 brihi
 - (3) 1/5 brihi
 - (4) 1/8 brihi
- 36.** Measurement of Manidandh Marma is :
- (1) 2 angula
 - (2) 1 angula
 - (3) 3 angula
 - (4) 1/2 angula
- 37.** Which of the following is incorrect sentence according to Acharya Susruta ?
- (1) Marma are 107
 - (2) Asthis are 360
 - (3) Sevanis are 7
 - (4) Kandaras are 16
- 38.** According to Acharya Susruta Kilasa is the seat of which Twaca :
- (1) 3rd
 - (2) 4th
 - (3) 5th
 - (4) 6th
- 39.** स्नायुभिश्च प्रतिच्छिन्नान् सन्ततांश्च जरायुणा - In which refernce this sloka has been said :
- (1) Twaca
 - (2) Kala
 - (3) Snayu
 - (4) Sira
- 40.** Mamsa Dhara is :
- (1) 1st kala, 6th twaca
 - (2) 1st kala, 7th twaca
 - (3) 7th kala, 1st twaca
 - (4) 1st twaca, 7th dhatu

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. Define concept of Srotas.
02. Define sarvavahatava of Sira.
03. Right the anatomy of Right atrium.
04. Right the parasympathetic nervous system.
05. kosthang.
06. Twacha (skin) according to aacharyasushruta.
07. Write down the peshiswaroop (shape) & peshisankhya.
08. Definition of Vishalyghna Marma.
09. Pingla Nadi.
10. Agya Chakra.

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Page for Short Answer

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Page for Short Answer

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/की, भागी होगा/होगी।