

2016.

Set No. : 1

Question Booklet No.

RET/16/TEST-B

613

Kaumarya Bhritya/Balroga

(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

30.

RET/16/TEST-B

613/Kaumarya Bhritya/Balroga

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 Adharanecya vega is :

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

13. “अनागतवीर्या प्रवाहिष्ठा,----- प्रजा चास्या विकृता -----वा भवति”, this verse is related to a condition which is similar to ?
- (1) In-utero asphyxia (2) Strangulation
(3) Anemia (4) Jaundice
14. “गर्भमभसामवमनाच्छ्लेष्मणः कण्ठगस्य वा॥” are the description of etiological factors of which disease ?
- (1) Kantha Roga (2) Vamana Roga
(3) Ulvaka Roga (4) Nabhinalkartanjanya Roga
15. In-utero, which of the following Dosha is mainly responsible for causing Kubja (hunch-back) ?
- (1) Vata (2) Vata-Pitta
(3) Vata-Kapha (4) Vata-Pitta-Kapha
16. In which of the following condition, bath and body massage is contraindicated after the birth ?
- (1) Pangu (2) Jadatva
(3) Kubjata (4) Ulvaka Roga
17. Which of the following concentration of alcohol solution is effective as antiseptic?
- (1) 40-50% (2) 60-80%
(3) 80-90% (4) 100%

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. Which of the following answer is correct in regard to inducing neonatal emesis just after the birth ?

- (1) Acorus calamus may be used with Sarpi and Madhu
- (2) Sauvarchala Lavana may be used with Sarpi and Madhu
- (3) Kulatha may be used with Sarpi and Madhu
- (4) Brahmi may be used with Sarpi and Madhu

12. “कुत्सितो मारः कन्दर्पो यस्मात् ॥,” this derivation is related to which of the following :

- | | |
|------------------|------------|
| (1) Putana Graha | (2) Kumara |
| (3) Kartikeya | (4) Revati |

18. “---पुनरत्रि मरणमनुभवतो लीयमानसंज्ञस्य ---” are the features at birth, suggestive of :
- (1) Apnoea (2) Epilepsy
(3) Tonsillitis (4) Acute gastroenteritis
19. Which of the following answer is correct in reference to neonatal physiological jaundice ?
- (1) It appeared often after 72 hours of birth
(2) It appeared often within 24 hours of birth
(3) It appeared since 36 weeks of life in-utero
(4) It often appeared between 24-72 hours of birth
20. Phenasanghata stanya dushti is responsible for :
- (1) Pinasa (2) Kukunaka
(3) Phakka roga (4) Kandu roga
21. The quantity of Ghrita for Annaada shishu as described by Kashyap is equal to :
- (1) Shuska Amalak Matra (2) Amalak Matra
(3) Two Vidang Phala Matra (4) Kola Matra

22. "Pratyagat Pranasya Cha Prakritibhutasya" is related to :

- (1) Pranapratyagaman as per Vagbhata
- (2) Snana as per Sushruta
- (3) Nabhinal Kalpan as per Vagbhata
- (4) Jatkarma Samskar as per Vridha Vagbhata

23. According to Vagbhat, in which month "*Bhumi upbisthan*" is indicated at ?

- (1) 6th month
- (2) 10th month
- (3) 5th month
- (4) 8th month

24. In Kashyap Samhita "*Chudakarniya*" chapter is found in which Sthana :

- (1) Sutra sthana
- (2) Sharira sthana
- (3) Viman sthana
- (4) Khil sthana

25. Asthi and Majja are involved in eruption of teeth. It is a opinion of acharya :

- (1) Kashyapa
- (2) Vagbhata
- (3) Shushruta
- (4) Harita

26. According to Shushruta which one is true for Dant Pawan, it length is : (Su.Chi. 24/4-9) :

- (1) 12 - Angul long
- (2) 8- Angul long
- (3) 6-Angul long
- (4) 10-Angul long

27. In a child, which of the following condition is not indicated for Lehan :

- | | |
|-----------------|-------------------------|
| (1) Deceptagani | (2) Vatik & Pattik roga |
| (3) Hridroga | (4) Niramaya |

28. Early neonatal period is described as :

- | | |
|-----------------------------|----------------------------|
| (1) 1st 40 days after birth | (2) 28th week onwards |
| (3) 1st 7 days after birth | (4) Last week of pregnancy |

29. Early fetal death is described as :

- (1) Death of fetus GA of less than 22wk
- (2) Death of fetus weight less than 2500 g
- (3) Death of fetus having CHL more than 25 cm
- (4) Death of fetus in 1st week after birth

30. The most effective light using in phototherapy unit is found between :

- | | |
|-------------------|-------------------|
| (1) 425 to 475 nm | (2) 350 to 400 nm |
| (3) 500 to 575 nm | (4) 150 to 349 nm |

31. The infant crawls by the age of which month :

- | | |
|---------------------------|----------------------------|
| (1) 4 th month | (2) 6 th month |
| (3) 8 th month | (4) 10 th month |

32. The neural tube defects can be prevented by :

- | | |
|-----------------|----------------|
| (1) Lactic acid | (2) Calcium |
| (3) Magnesium | (4) Folic acid |

33. Down syndrome doesn't include :

- (1) Increased nuchal fold thickness
- (2) High level of Hb A2
- (3) Short femur and humerus length
- (4) Duodenal atresia

34. The oxygen supply from maternal placenta to the fetus is at a rate of :

- (1) 8 ml/kg/min
- (2) 16 ml/kg/min
- (3) 20 ml/kg/min
- (4) 28 ml/kg/min

35. The amniotic fluid's osmolarity for fetal maturity is :

- (1) 250 m Osmol/L
- (2) 340 m Osmol/L
- (3) 400 m Osmol/L
- (4) 100 m Osmol/L

36. Presence of single umbilical artery is often associated with :

- (1) Foetal congenital abnormalities
- (2) Infant diabetes
- (3) Hereditary neuropathy
- (4) Hereditary ataxia

37. Low level of maternal serum alpha foetoprotein (MSAFP) is found in :

- (1) Open neural tube defects
- (2) Intra uterine fetal death
- (3) Down's syndrome
- (4) Renal anomalies

38. Cordocentesis usually done in :

- | | |
|-----------------|-----------------|
| (1) 18-20 weeks | (2) 12-14 weeks |
| (3) 28-30 weeks | (4) 37-38 weeks |

39. Upasheershaka is described by :

- | | |
|------------------------------|---------------------------|
| (1) Vagbhata and Sharangdhar | (2) Charaka and Vagabhata |
| (3) Sushruta and Sharangdhar | (4) Chakara and Sushruta |

40. Sushruta has mentioned Snehana, Swedana and Upnaha treatment for :

- | | |
|----------------|------------------|
| (1) Nabhipaka | (2) Nabhitundi |
| (3) Nabhishoth | (4) Unnata nabhi |

Short Answer Questions**लघु उत्तरीय प्रश्न**

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.

किन्हीं पाँच प्रश्नों के उत्तर दीजिए। प्रत्येक का उत्तर **150-200** शब्दों में दीजिए। प्रत्येक प्रश्न **16** अंकों का है। प्रत्येक प्रश्न का उत्तर अलग पृष्ठ पर प्रश्न संख्या लिखकर शुरू करें।

- 01.** Enumerate the vaccines, which are used after the birth in a baby ?
- 02.** Write the clinical use of Vacha and Brahmi drugs.
- 03.** Write the importance of Namkaran Samskara.
- 04.** Write the indication of drugs during the neonatal resuscitation.
- 05.** Enumerate the Asta Ksheer Doas.
- 06.** Write briefly about the Ahiputna.
- 07.** Differentiate Kridabhumi with Kridanak.
- 08.** Brief about the Perinatal transmission on HIV.
- 09.** Explain the effects of pre-eclampsia on fetus.
- 10.** Describe briefly, effects of maternal diabetes on fetus and neonate.

Question No.

Page for Short Answer

प्रश्न संख्या

लघु उत्तरीय के लिए पृष्ठ

Question No.

Page for Short Answer

Question No.

Page for Short Answer

प्रश्न संख्या

लघु उत्तरीय के लिए पृष्ठ

Question No.

Page for Short Answer

प्रश्न संख्या

लघु उत्तरीय के लिए पृष्ठ

Question No.

Page for Short Answer

प्रश्न संख्या

लघु उत्तरीय के लिए पृष्ठ

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-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।