

RET/12/Test B**604****Dravyaguna**Question Booklet No. **005**(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



1. Plants receive their nutrients from ?
- (1) Chlorophyll (2) Atmosphere
(3) Light (4) Soil
2. Common name of washing soda is :
- (1) Sodium Carbonate
(2) Calcium bicarbonate
(3) Sodium bicarbonate
(4) Calcium carbonate
3. Which of the gas is not known as green house gas ?
- (1) Methane (2) Nitrous oxide
(3) Carbon Dioxide (4) Hydrogen
4. Hardness of water can be removed by adding ?
- (1) Chlorine
(2) Washing Soda
(3) Potassium Permanganate
(4) Bleaching Powder
5. Which scientist discovered the radio active element 'Radium' ?
- (1) Isaac Newton (2) Albert Einstein
(3) Benjamin Franklin (4) Marie Curie



6. The word 'Satyamev Jayate' inscribed below the base plate of the emblem of India are taken from :
- (1) Rigveda
 - (2) Satapatha Brahmana
 - (3) Mundaka Upanishada
 - (4) Ramayana
7. The absorption of ink by blotting paper involves :
- (1) Viscosity of ink
 - (2) Capillary action phenomenon
 - (3) Diffusion of ink through the blotting
 - (4) Syphon action
8. Combination of Satva, Atma and Sharir is known as :
- | | |
|--------------|--------------|
| (1) Tridosh | (2) Trimarma |
| (3) Trisutra | (4) Tridanda |
9. All are the types of Kapha except :
- | | |
|--------------|-------------|
| (1) Sleshaka | (2) Kledaka |
| (3) Bodhaka | (4) Sadhaka |
10. Upanishadas are in number ?
- | | |
|--------|---------|
| (1) 8 | (2) 18 |
| (3) 51 | (4) 108 |



11. Flowers of Dhataki are collected during the month of:
(1) January to February (2) February to April
(3) October to December (4) July to September
12. The gum resin of *Commiphora wightii* has an adulterant derived from:
(1) *Ferula asafoetida* (2) *Gardenia gummifera*
(3) *Commiphora myrrha* (4) *Pinus longifolia*
13. The Malkanguni oil is reported to be toxic to rats (LD50 i.p.) in the dose of:
(1) 1.00 mg/kg (2) 1.75 g/kg
(3) 250 mg/kg (4) 2.00 g/kg
14. Antispermatic activity in male has been reported in:
(1) Cotton seed (2) Chebulic myrobalan
(3) Senna leaves (4) Common walnut
15. *Mimosa pudica* is a native plant of:
(1) India (2) Sri Lanka
(3) Nepal (4) Brazil
16. Cremocarp consist of two indehiscent carpels in the Fruit of:
(1) Madhurika (2) Vidanga
(3) Vata (4) Karanja
17. Spikenard is the English name for:
(1) Vacha (2) Jatamashi
(3) Puskara (4) Tagara
18. DNA damage, carcinogenesis and mutagenesis is decreased by the administration of.....in diet:
(1) 0.1 percent turmeric (2) 5 g turmeric
(3) 9 g curcumin (4) 9% curcumin
19. Which species of *Phyllanthus* is not found in India:
(1) *amarus* (2) *niruri*
(3) *simplex* (4) *urinaria*
20. Vatsanabha is one of the important ingredient of:
(1) Anadabhairava rasa (2) Rasonadi vati
(3) Rasa parpati (4) Visvesvara rasa

21. Rupika is synonym of which plant?
1) Kumari 2) Aprajita 3) Arka 4) Bakuchi
22. Habitat of Vatsanabha?
1) 1000-2000 ft 2) 3000-5000 ft 3) 6000-9000 ft 4) 10000-14000 ft
23. Atropin is present in-
1) Dhattur 2) Ahiphen 3) Yavani 4) Kitamari
24. Virya of Lavanga?
1) Usna 2) Sheet 3) Anushna 4) Anushna sheet
25. According to Dalhana Gunopvarnan is mentioned for which branch of Ayurveda?
1) Kaya Chikitsa 2) Agad Tantra 3) Dravyaguna 4) RasaShastra
26. Vipaka of Shunthi?
1) Amla 2) Madhur 3) Katu 4) Laghu
27. Chandrashoor is first described in which Nighantu-
1) Dhanwantri 2) Raja 3) Kaidev 4) Bhava Prakash
28. Trijat was first described by
1) Charaka 2) Sushruta 3) Vagabhatta 4) Kashyapa
29. "Guggulu Medoanilharanam" is said by-
1) Charak 2) Vagabhatta 3) Kashyap 4) Sharangadhara
30. How many dravya are given by Charak in Agrya Prakaran ?
1) 151 2) 152 3) 153 4) 154

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. WHO Guidelines on Good Manufacturing Practices.
2. Traditional Knowledge Digital Library.
3. Pharmacovigilance.
4. Drug Research in Ayurveda.
5. Explain "Vishwalakshna Gunah."
6. Describe Trina Panchamool according to Charak and Sushruta.
7. Explain "Virudha guna sanyoge bhuyasa alpama hi jiyate".
8. Describe time of drug administration of drugs according to Sharangadhara.
9. Describe types of Virodh according to Charak(give only names)
10. Mention substitute drugs of Ashtavarga as per Bhavaprakasha Samhita.